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ENVIRONMENTAL ATLAS

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FOOTHILLS PIPE LINES

(YUKON) LTD.

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Government
Publications

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SERIES ONE

BACKGROUND

The following maps depict areas and sites related to community development, highway commercial services and agriculture. Specifically, the maps show locations of existing and proposed development control zones, private lots, highway commercial service centers, agricultural reserves, grazing leases, commercial forestry, grazing land (Saskatchewan) and cultivated farm land (Saskatchewan).

In some instances, resource information was not precise, and the scale of the final maps may be too gross for accurate presentation of all data locations. In other cases, due to the minor nature of sites, the mapped information is not discussed fully in the Environmental Statement.

INFORMATION SOURCES

Department of Environment. 1973. Land Use Information Series. Prepared for the Department of Indian and Northern Affairs.

Department of Northern Affairs and National Resources, Northern Administration and Land Branch Lands Division. 1957 to 1976. Land Use Information.

Department of Tourism and Information. 1976. Yukon Official Road Map. Prepared for the Government of the Yukon Territory.

Schultz and Company Ltd. 1976. Yukon Preliminary Environmental Impact Assessment of the Proposed Alcan Pipeline. Volume 1. Prepared for Gulf Interstate Engineering Company.

Slaney, F.F. and Company. 1976. Application of the Alcan Pipeline Company before the U.S. Federal Power Commission. Exhibit Z-1, Volumes 2 and 4.

Synergy West Ltd. 1974. Kluane Region Study. Prepared for the Yukon Territorial Government.

SERIES TWO

BACKGROUND

The following maps depict areas and sites related to airports, hydro facilities, communications, mining and petroleum, and fishing. Airports are mapped by type as either having limited or no facilities, all facilities, or as a water landing area. Hydro facilities mapped include existing and proposed power generating stations, and regional and local power distribution lines. The CN-CP pole and line communication is shown throughout the length of the proposed pipeline route. Mining data mapped illustrate sites of known claims, areas of exploration activity and existing mines. Petroleum pipelines are mapped where locations are known. Data relating to fishing shows known areas of commercial and domestic fishing.

Some resource data was not accurately scaled and relative locations may not be precisely mapped. Due to the lack of data, some sites discussed in the Environmental Statement may not be mapped. On the other hand, specific mapped data may appear on the map series but is not fully discussed in the accompanying report.

INFORMATION SOURCES

CN-CP Telecommunications. 1976. Yukon communications line and repeater station locations.

Department of Environment. 1973. Land Use Information Series. Prepared for the Department of Indian and Northern Affairs.

Department of Northern Affairs and National Resources, Northern Administration and Lands Branch, Lands Division. 1957 to 1976. Land Use Information.

Northern Canada Power Commission. 1976. Aishihik power station and distribution lines.

Rand McNally and Company. 1970. Yukon Territory Road and Air Facilities Map.

Schultz and Company Ltd. 1976. Yukon Preliminary Environmental Impact Assessment of the Proposed Alcan Pipeline. Volume 1. Prepared for Gulf Interstate Engineering Company.

Slaney, F.F. and Company. 1976. Application of the Alcan Pipeline Company before the U.S. Federal Power Commission. Exhibit Z-1, Volumes 2 and Volume 4.

Yukon Electric. 1976. Yukon power distribution lines.

Fifth Northern Resources Conference. 1975. Hydro facilities.

RECREATION

BACKGROUND

The following map series records the location of sites and areas related to campgrounds, natural reserves, and parks. Campgrounds are mapped by site specific location while potential campgrounds and recreation areas are more generally located and rated according to their potential. Rating classifications, based on Department of Environment Land Directorate, are described in the Environmental Atlas. Natural reserves include the Kluane Game Sanctuary and a number of proposed International Biological Program (IBP) sites. Parks include the Kluane National Park Reserve, proposed Yukon Territorial Parks and the proposed Val Marie Grasslands Park, in Saskatchewan.

In the case of potential recreation sites, proposed Territorial Parks, and IBP sites, background data generally located sites under consideration. As well, the illustrated boundaries of the Kluane National Park Reserve, which have been generalized from existing data, are currently being officially surveyed.

INFORMATION SOURCES

Bridge, R. 1976. The Camper's Guide to Alaska, the Yukon and Northern British Columbia.

Department of Environment. 1973. Land Use Information Series. Prepared for the Department of Indian and Northern Affairs.

Department of Tourism and Information. 1972. Yukon Official Road Map. Prepared for the Government of the Yukon Territory.

Department of Tourism and Renewable Resources. 1975. Regional Parks, Province of Saskatchewan.

Joint Federal-Provincial Committee. 1975. A Proposed Grasslands National Park.

Parks Canada. n.d. Discussions with Parks Canada staff in Winnipeg regarding Kluane National Park Reserve.

Schultz and Company Ltd. 1976. Preliminary Environmental Impact Assessment of the Proposed Alcan Pipeline. Volume 1. Prepared for Gulf Interstate Engineering Company.

Slaney, F.F. and Company. 1976. Application of the Alcan Pipeline Company before the U.S. Federal Power Commission. Exhibit Z-1, Volumes 2 and Volume 4.

Synergy West Ltd. 1974. Kluane Region Study. Prepared for the Yukon Territorial Government.

Fifth Northern Resources Conference. 1975. Proposed Territorial Parks.

TRAPPING

The following map series generally locates predominant trapping areas in the Yukon. Following is the rating description used in classifying trapping areas into four types.

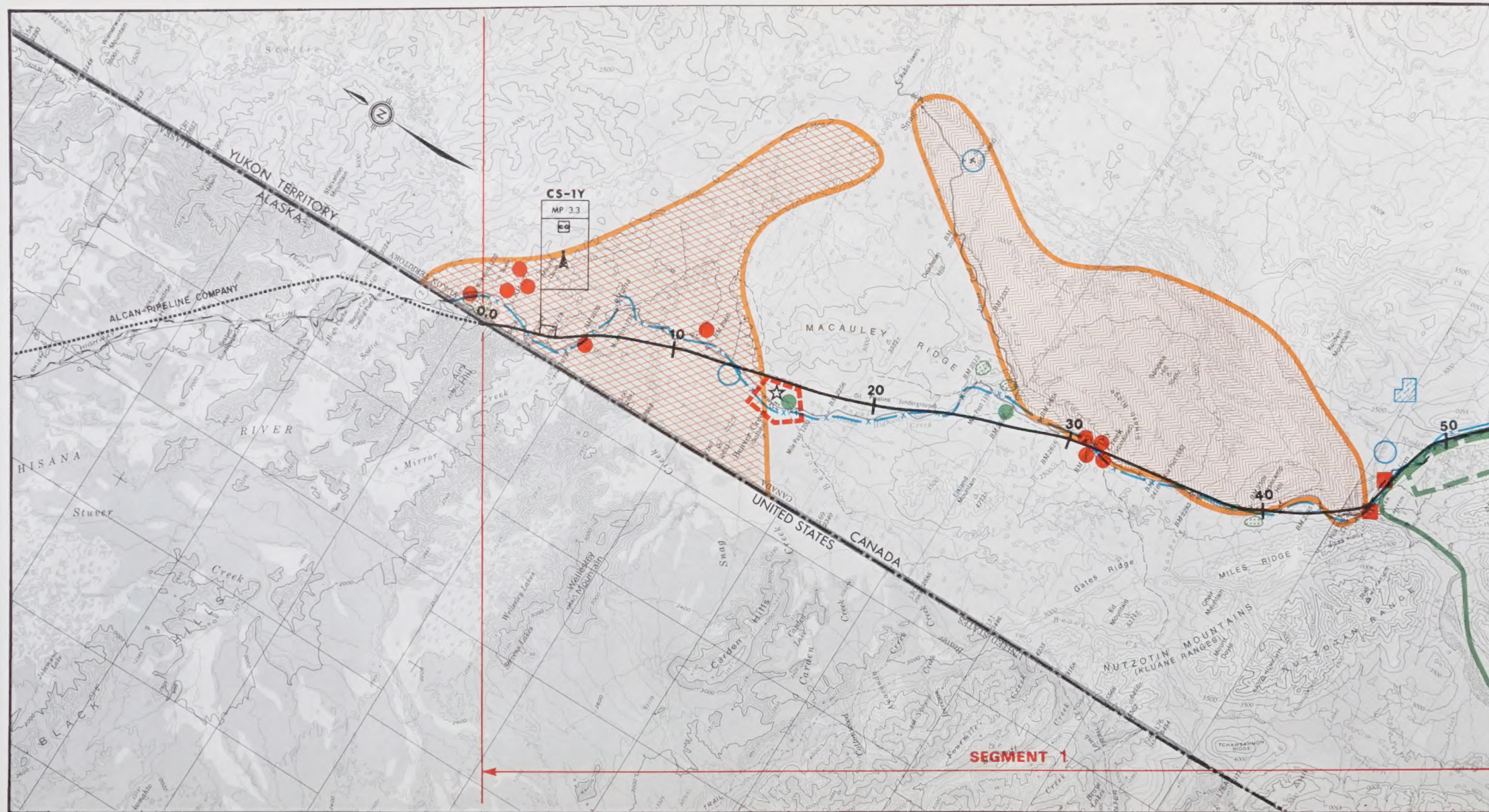
1. Prime Trapping Areas: Used extensively during winter and spring.
2. Regularly Used Areas: Used on a regular, but not intensive basis during winter and spring.
3. Irregularly Used Areas: Used lightly or only during specific times of the trapping season or to trap specific animals.
4. Reserved Areas: For the use by elderly or disabled persons. Due to the general nature of source data, the boundaries illustrated should be viewed as non-specific.

INFORMATION SOURCES

Department of Environment. 1973. Land Use Information Series. Prepared for the Department of Indian and Northern Affairs.

Schultz and Company Ltd. 1976. Yukon Preliminary Environmental Impact Assessment of the Proposed Alcan Pipeline. Volume 1. Prepared for Gulf Interstate Engineering Company.

Slaney, F.F. and Company. 1976. Application of the Alcan Pipeline Company before the U.S. Federal Power Commission. Exhibit Z-1, Volumes 2 and Volume 4.



LEGENDS

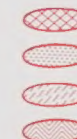
LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES

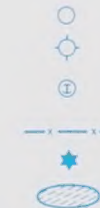


- GRAZING LEASES
- COMMERCIAL FORESTRY
- GRAZING LAND (SASK.)
- CULTIVATED FARM LAND (SASK.)



SERIES TWO

- LIMITED OR NO FACILITIES
- ALL FACILITIES
- WATER LANDING
- CNT POLE LINE
- PROPOSED HYDRO FACILITY
- MINING CLAIM



- MINE
- COMMERCIAL FISHING
- DOMESTIC FISHING
- SODIUM SULPHATE PLANT (SASK.)
- EXISTING PIPELINE
- TRANSMISSION LINE



RECREATION SERIES

- CAMPGROUNDS
- POTENTIAL RECREATION
- IBP RESERVES (PROPOSED)
- KLUANE GAME SANCTUARY



- KLUANE NATIONAL PARK RESERVE
- PROPOSED TERRITORIAL PARKS
- PROPOSED VAL MARIE GRASSLANDS NATIONAL PARK



TRAPPING SERIES

- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED



- REGULARLY USED AREA
- IRREGULARLY USED AREA

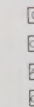


PIPELINE LEGEND

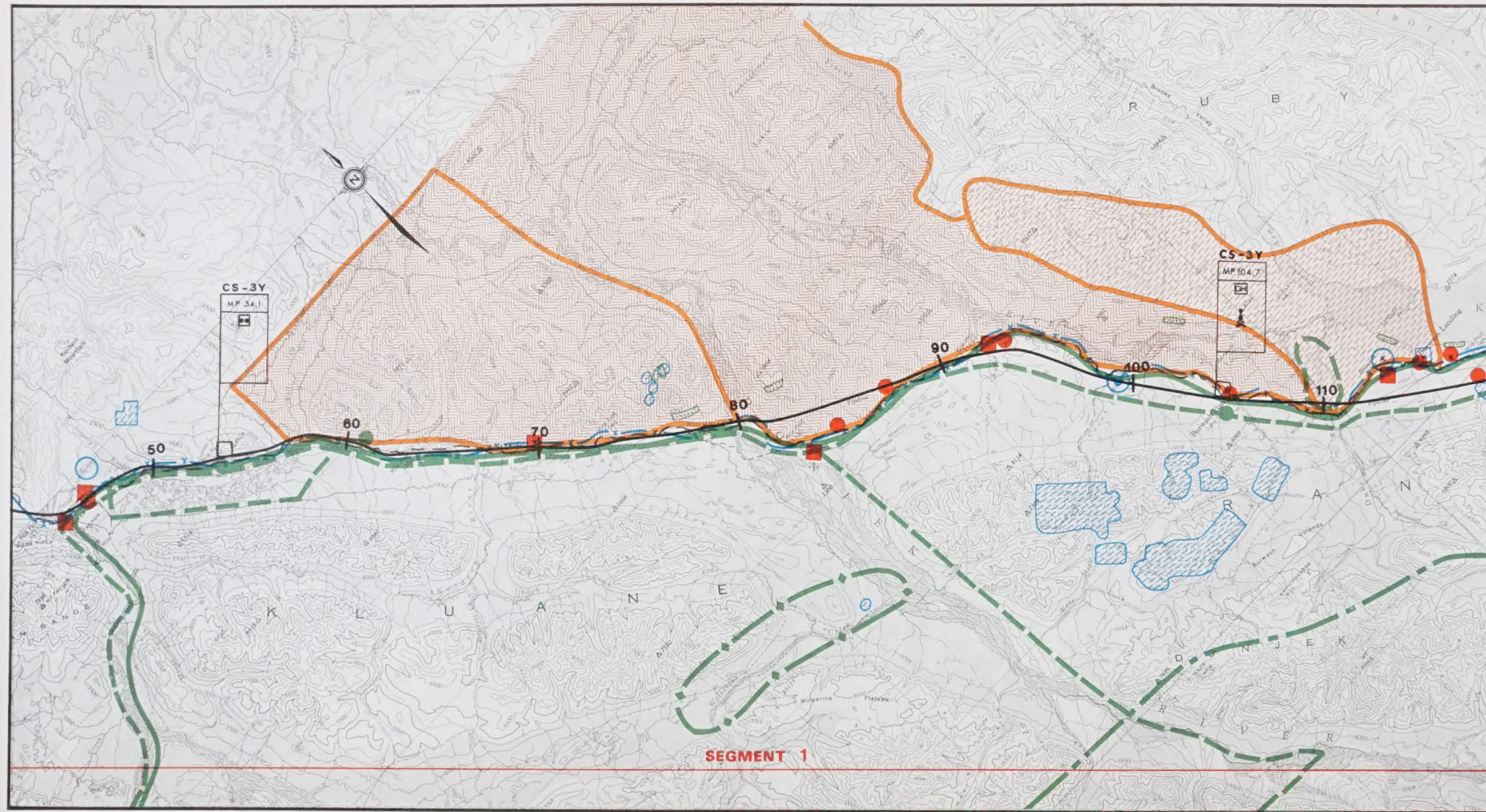
- PROPOSED PIPELINE ROUTE
- TELECOMMUNICATIONS BASE STATION
- ACCESS ROAD
- HEAD OFFICE
- AREA OFFICE



- COMPRESSOR STATION
- COMPRESSOR STATION WITH CHILLING
- COMPRESSOR STATION WITH AERIAL COOLERS
- COMPRESSOR STATION WITH GAS HEATER



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LEGENDS LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES



- GRAZING LEASES
- COMMERCIAL FORESTRY
- GRAZING LAND (SASK.)
- CULTIVATED FARM LAND (SASK.)



SERIES TWO

- LIMITED OR NO FACILITIES
- ALL FACILITIES
- WATER LANDING
- CNT POLE LINE
- PROPOSED HYDRO FACILITY
- MINING CLAIM



- MINE
- COMMERCIAL FISHING
- DOMESTIC FISHING
- SODIUM SULPHATE PLANT (SASK.)
- EXISTING PIPELINE
- TRANSMISSION LINE

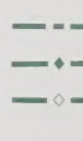


RECREATION SERIES

- CAMPGROUNDS
- POTENTIAL RECREATION
- IBP RESERVES (PROPOSED)
- KLUANE GAME SANCTUARY



- KLUANE NATIONAL PARK RESERVE
- PROPOSED TERRITORIAL PARKS
- PROPOSED VAL MARIE GRASSLANDS
- NATIONAL PARK



TRAPPING SERIES

- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED

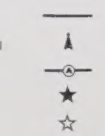


- REGULARLY USED AREA
- IRREGULARLY USED AREA

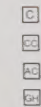


PIPELINE LEGEND

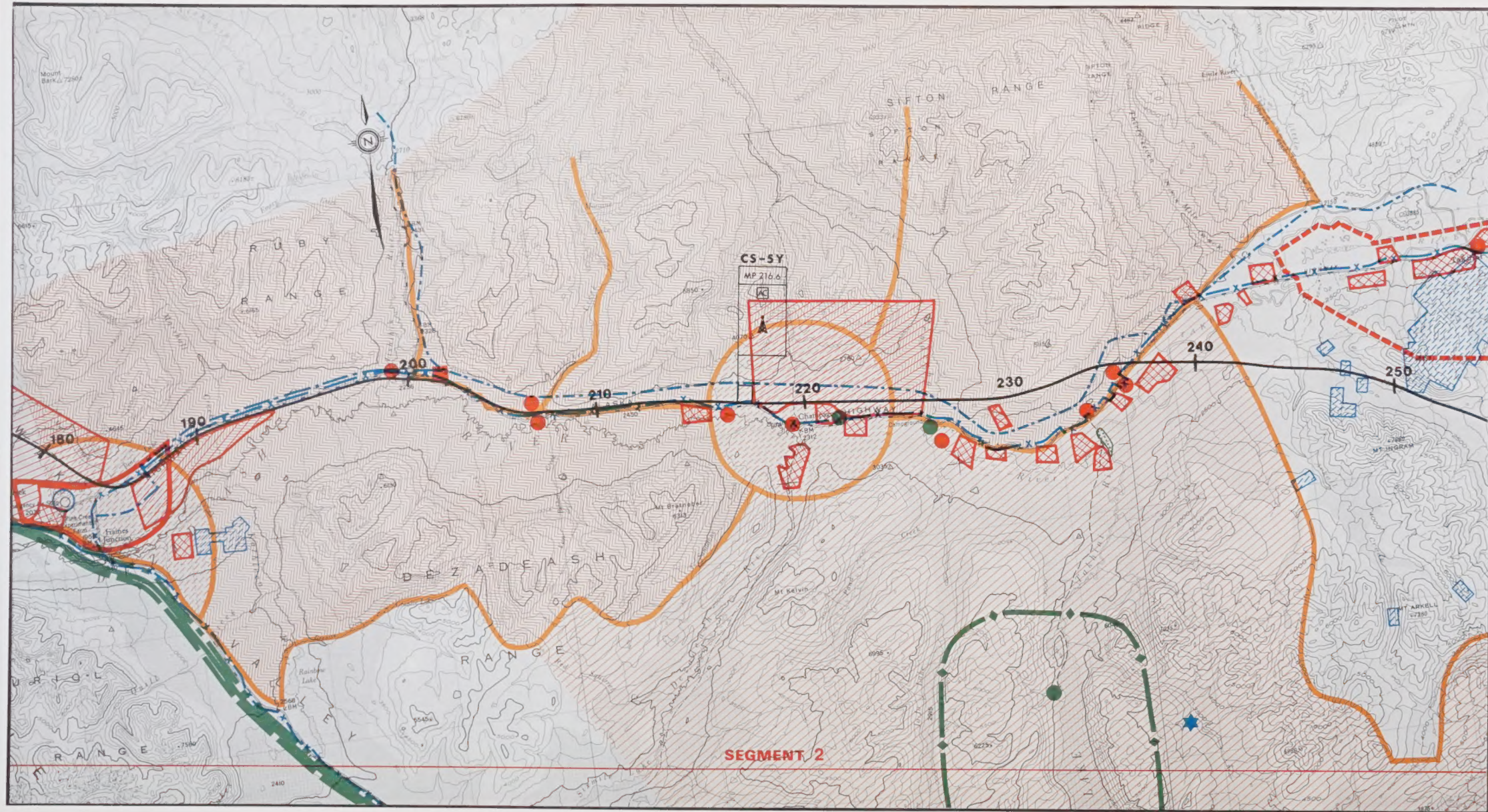
- PROPOSED PIPELINE ROUTE
- TELECOMMUNICATIONS BASE STATION
- ACCESS ROAD
- HEAD OFFICE
- AREA OFFICE



- COMPRESSOR STATION
- COMPRESSOR STATION WITH CHILLING
- COMPRESSOR STATION WITH AERIAL COOLERS
- COMPRESSOR STATION WITH GAS HEATER



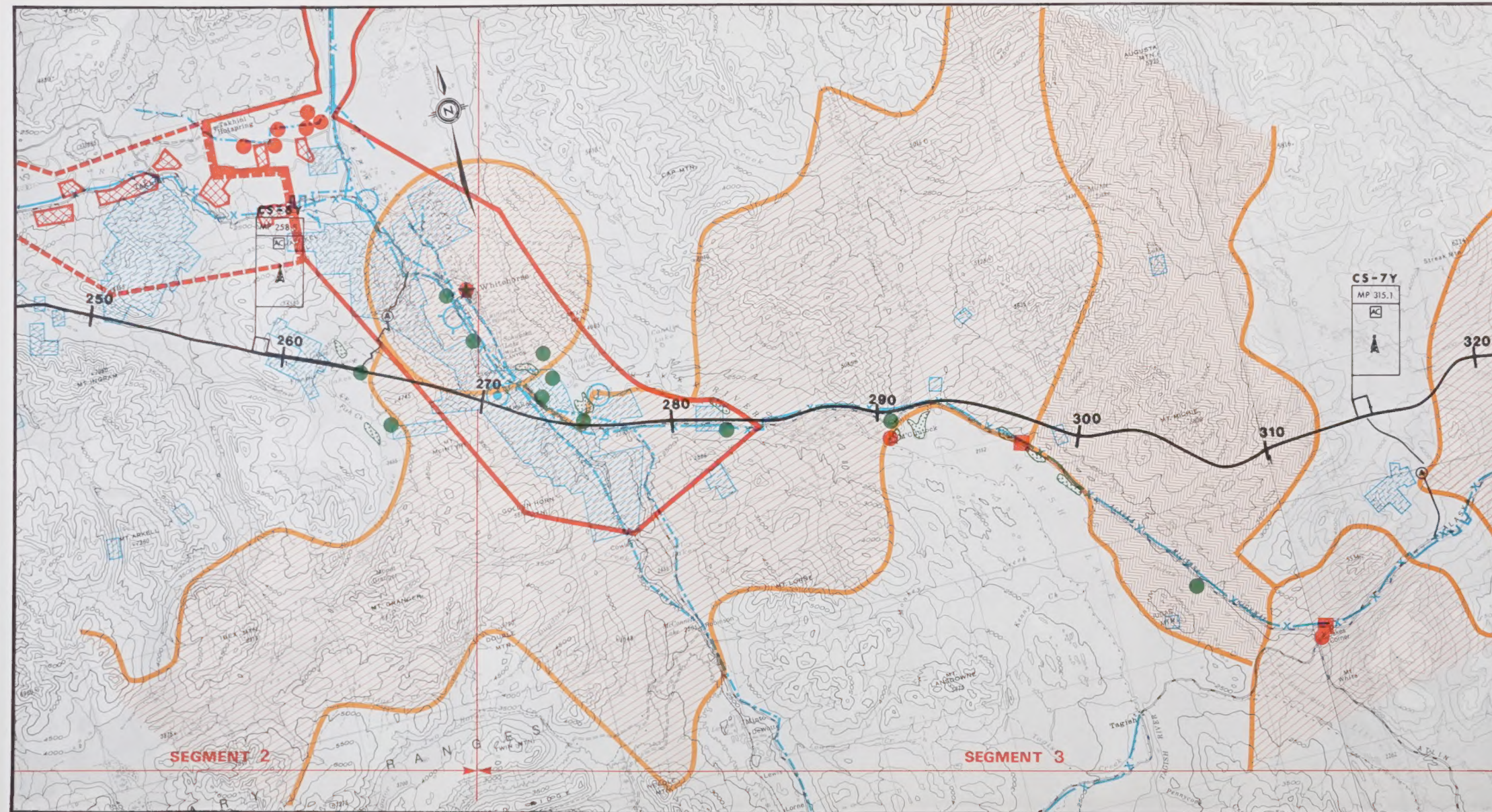
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LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE		PROPOSED	
DEVELOPMENT CONTROL ZONE		EXISTING	
PRIVATE LOTS			
HIGHWAY COMMERCIAL SERVICES			
AGRICULTURAL RESERVES			
SERIES TWO			
LIMITED OR NO FACILITIES			
ALL FACILITIES			
WATER LANDING			
CNT POLE LINE			
PROPOSED HYDRO FACILITY			
MINING CLAIM			
RECREATION SERIES			
CAMPGROUNDS			
POTENTIAL RECREATION			
IBP RESERVES (PROPOSED)			
KLUANE GAME SANCTUARY			
TRAPPING SERIES			
PRIME TRAPPING AREA (PTA)			
RESERVE FOR DISABLED AND AGED			
PIPELINE LEGEND			
PROPOSED PIPELINE ROUTE		COMPRESSOR STATION	
TELECOMMUNICATIONS BASE STATION		COMPRESSOR STATION WITH CHILLING	
ACCESS ROAD		COMPRESSOR STATION WITH AERIAL COOLERS	
HEAD OFFICE		COMPRESSOR STATION WITH GAS HEATER	
AREA OFFICE			



LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

DEVELOPMENT CONTROL ZONE
PRIVATE LOTS
HIGHWAY COMMERCIAL SERVICES
AGRICULTURAL RESERVES

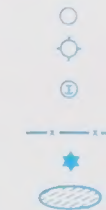


GRAZING LEASES
COMMERCIAL FORESTRY
GRAZING LAND (SASK.)
CULTIVATED FARM LAND (SASK.)



SERIES TWO

LIMITED OR NO FACILITIES
ALL FACILITIES
WATER LANDING
CNT POLE LINE
PROPOSED HYDRO FACILITY
MINING CLAIM



MINE
COMMERCIAL FISHING
DOMESTIC FISHING
SODIUM SULPHATE PLANT (SASK.)
EXISTING PIPELINE
TRANSMISSION LINE



RECREATION SERIES

CAMPGROUNDS
POTENTIAL RECREATION
IBP RESERVES (PROPOSED)
KLUANE GAME SANCTUARY



KLUANE NATIONAL PARK RESERVE
PROPOSED TERRITORIAL PARKS
PROPOSED VAL MARIE GRASSLANDS
NATIONAL PARK



TRAPPING SERIES

PRIME TRAPPING AREA (PTA)
RESERVE FOR DISABLED AND AGED



REGULARLY USED AREA
IRREGULARLY USED AREA

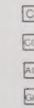


PIPELINE LEGEND

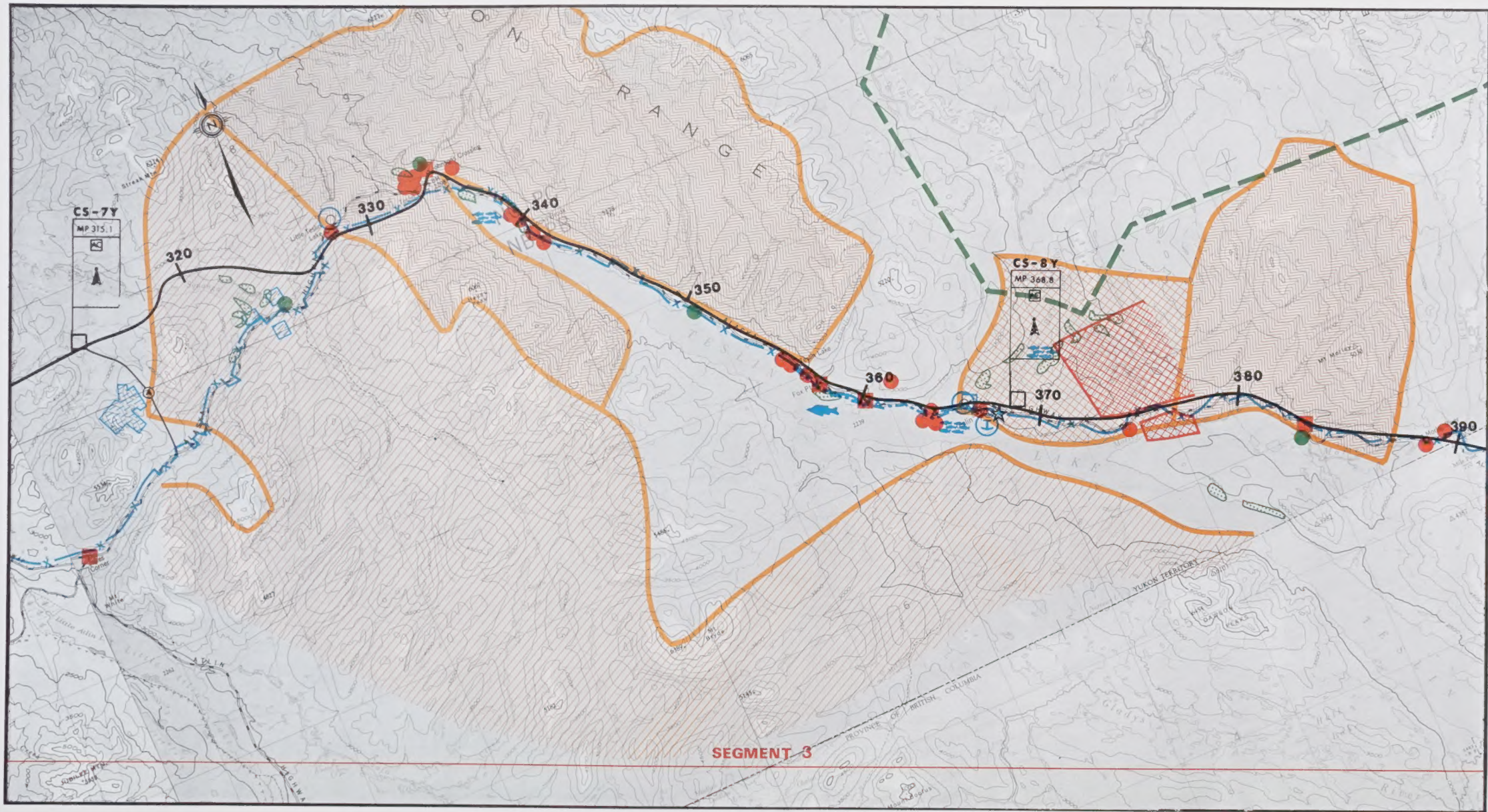
PROPOSED PIPELINE ROUTE
TELECOMMUNICATIONS BASE STATION
ACCESS ROAD
HEAD OFFICE
AREA OFFICE



COMPRESSOR STATION
COMPRESSOR STATION WITH CHILLING
COMPRESSOR STATION WITH AERIAL COOLERS
COMPRESSOR STATION WITH GAS HEATER



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LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES

- PROPOSED
- EXISTING

- GRAZING LEASES
- COMMERCIAL FORESTRY
- GRAZING LAND (SASK.)
- CULTIVATED FARM LAND (SASK.)

SERIES TWO

- LIMITED OR NO FACILITIES
- ALL FACILITIES
- WATER LANDING
- CNT POLE LINE
- PROPOSED HYDRO FACILITY
- MINING CLAIM

- MINE
- COMMERCIAL FISHING
- DOMESTIC FISHING
- SODIUM SULPHATE PLANT (SASK.)
- EXISTING PIPELINE
- TRANSMISSION LINE

- KLUANE NATIONAL PARK RESERVE
- PROPOSED TERRITORIAL PARKS
- PROPOSED VAL MARIE GRASSLANDS NATIONAL PARK

RECREATION SERIES

- CAMPGROUNDS
- POTENTIAL RECREATION
- IBP RESERVES (PROPOSED)
- KLUANE GAME SANCTUARY

- CL
- CC
- AC
- CH

TRAPPING SERIES

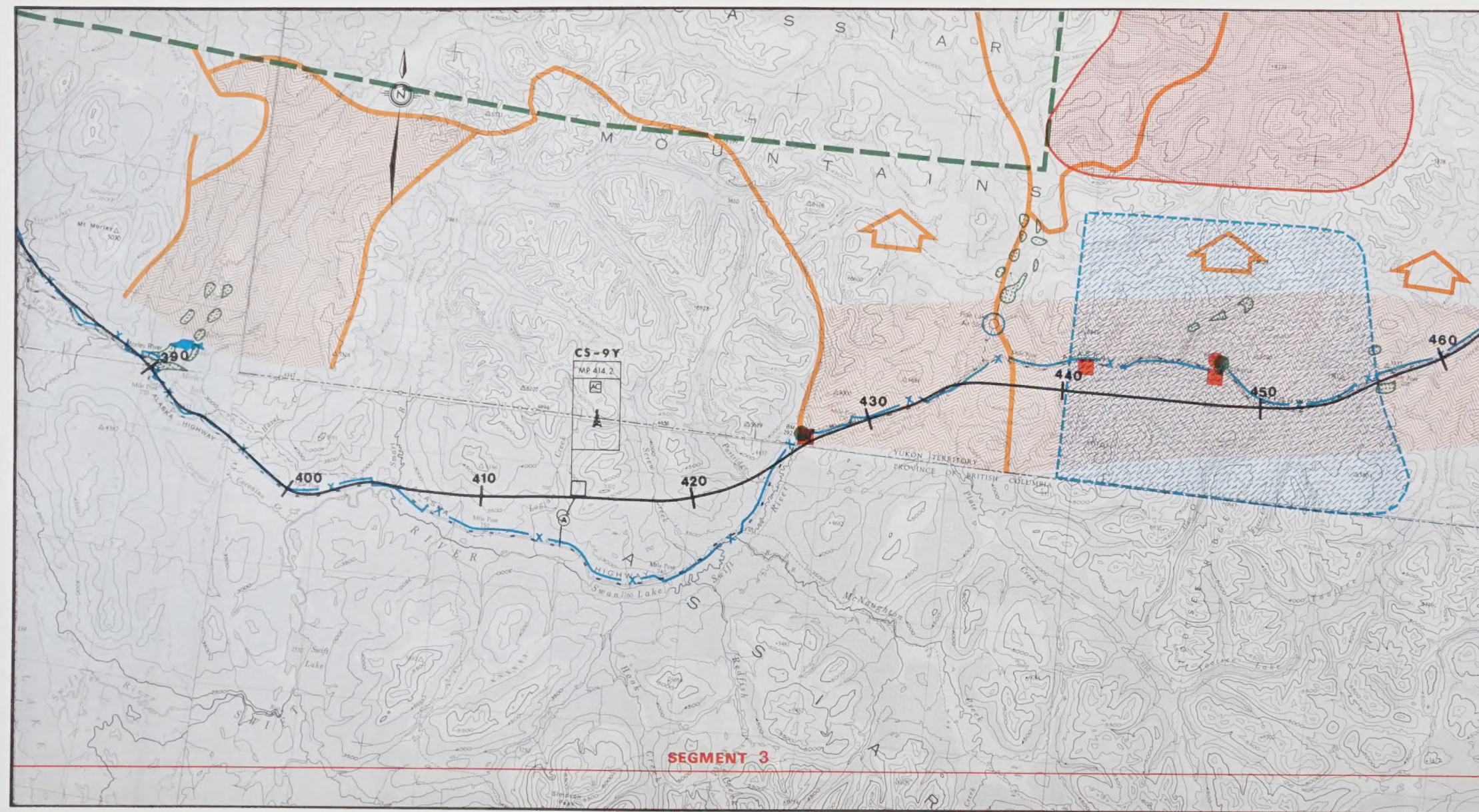
- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED

- REGULARLY USED AREA
- IRREGULARLY USED AREA

PIPELINE LEGEND

- PROPOSED PIPELINE ROUTE
- TELECOMMUNICATIONS BASE STATION
- ACCESS ROAD
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- AREA OFFICE

- COMPRESSOR STATION
- COMPRESSOR STATION WITH CHILLING
- COMPRESSOR STATION WITH AERIAL COOLERS
- COMPRESSOR STATION WITH GAS HEATER

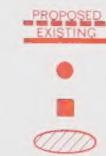


LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
PRIVATE LOTS
HIGHWAY COMMERCIAL SERVICES
AGRICULTURAL RESERVES



- GRAZING LEASES
COMMERCIAL FORESTRY
GRAZING LAND (SASK.)
CULTIVATED FARM LAND (SASK.)

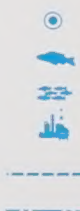


SERIES TWO

- LIMITED OR NO FACILITIES
ALL FACILITIES
WATER LANDING
CNT POLE LINE
PROPOSED HYDRO FACILITY
MINING CLAIM

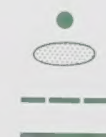


- MINE
COMMERCIAL FISHING
DOMESTIC FISHING
SODIUM SULPHATE PLANT (SASK.)
EXISTING PIPELINE
TRANSMISSION LINE



RECREATION SERIES

- CAMPGROUNDS
POTENTIAL RECREATION
IBP RESERVES (PROPOSED)
KLUANE GAME SANCTUARY



- KLUANE NATIONAL PARK RESERVE
PROPOSED TERRITORIAL PARKS
PROPOSED VAL MARIE GRASSLANDS
NATIONAL PARK



TRAPPING SERIES

- PRIME TRAPPING AREA (PTA)
RESERVE FOR DISABLED AND AGED



- REGULARLY USED AREA
IRREGULARLY USED AREA

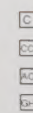


PIPELINE LEGEND

- PROPOSED PIPELINE ROUTE
TELECOMMUNICATIONS BASE STATION
ACCESS ROAD
HEAD OFFICE
AREA OFFICE



- COMPRESSOR STATION
COMPRESSOR STATION WITH CHILLING
COMPRESSOR STATION WITH AERIAL COOLERS
COMPRESSOR STATION WITH GAS HEATER



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YUKON SECTION



LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES

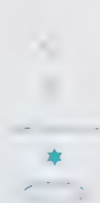


- GRAZING LEASES
- COMMERCIAL FORESTRY
- GRAZING LAND (SASK I)
- CULTIVATED FARM LAND (SASK I)

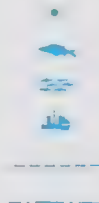


SERIES TWO

- LIMITED OR NO FACILITIES
- ALL FACILITIES
- WATER LANDING
- CNT POLE LINE
- PROPOSED HYDRO FACILITY
- MINING CLAIM



- MINE
- COMMERCIAL FISHING
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RECREATION SERIES

- CAMPGROUNDS
- POTENTIAL RECREATION
- IBP RESERVES (PROPOSED)
- KLUANE GAME SANCTUARY



- KLUANE NATIONAL PARK RESERVE
- PROPOSED TERRITORIAL PARKS
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TRAPPING SERIES

- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED



- REGULARLY USED AREA
- IRREGULARLY USED AREA

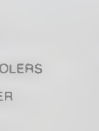


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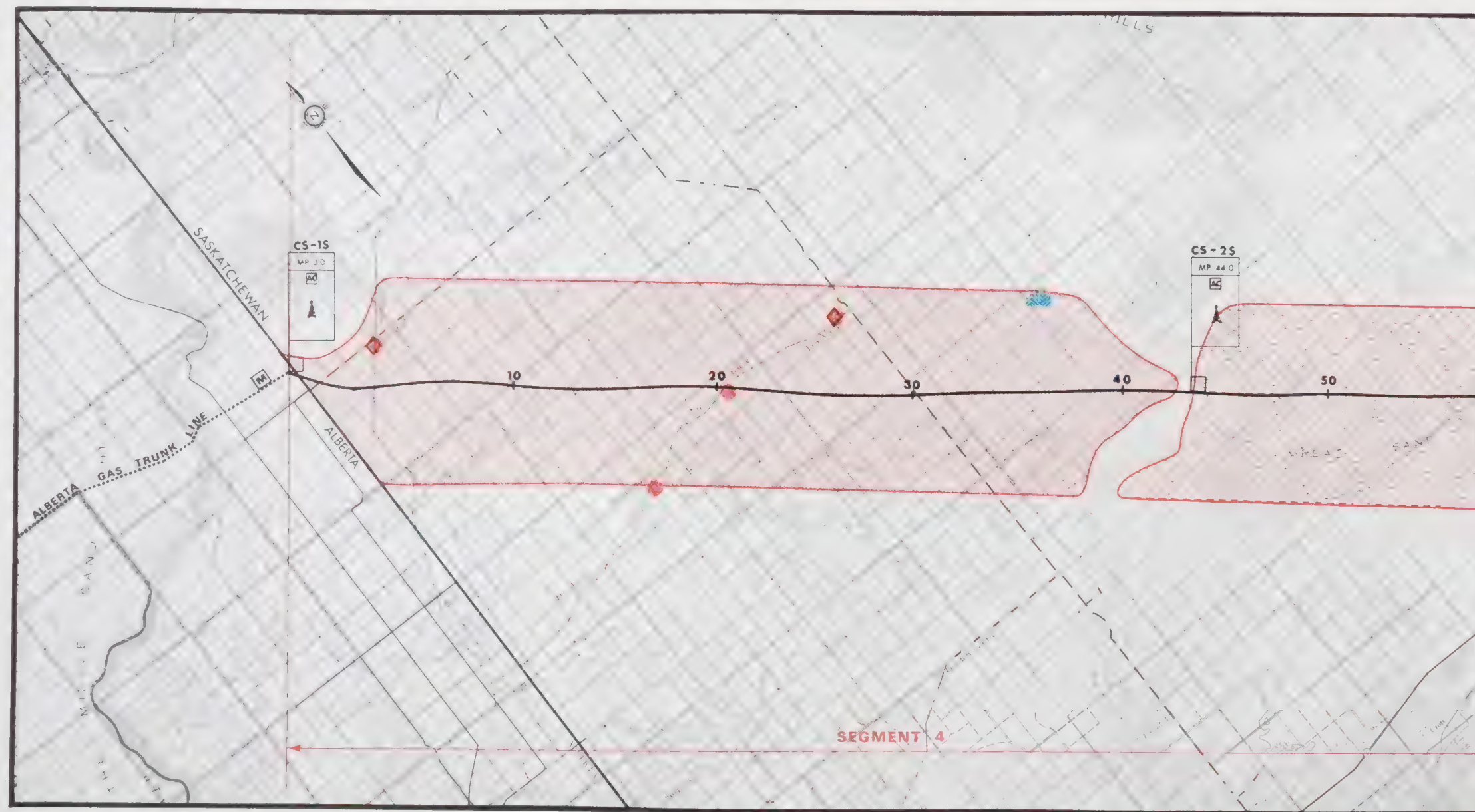
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- COMPRESSOR STATION
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YUKON SECTION



LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES

- GRAZING LEASES
- COMMERCIAL FORESTRY
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- CULTIVATED FARM LAND (SASK)

SERIES TWO

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RECREATION SERIES

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TRAPPING SERIES

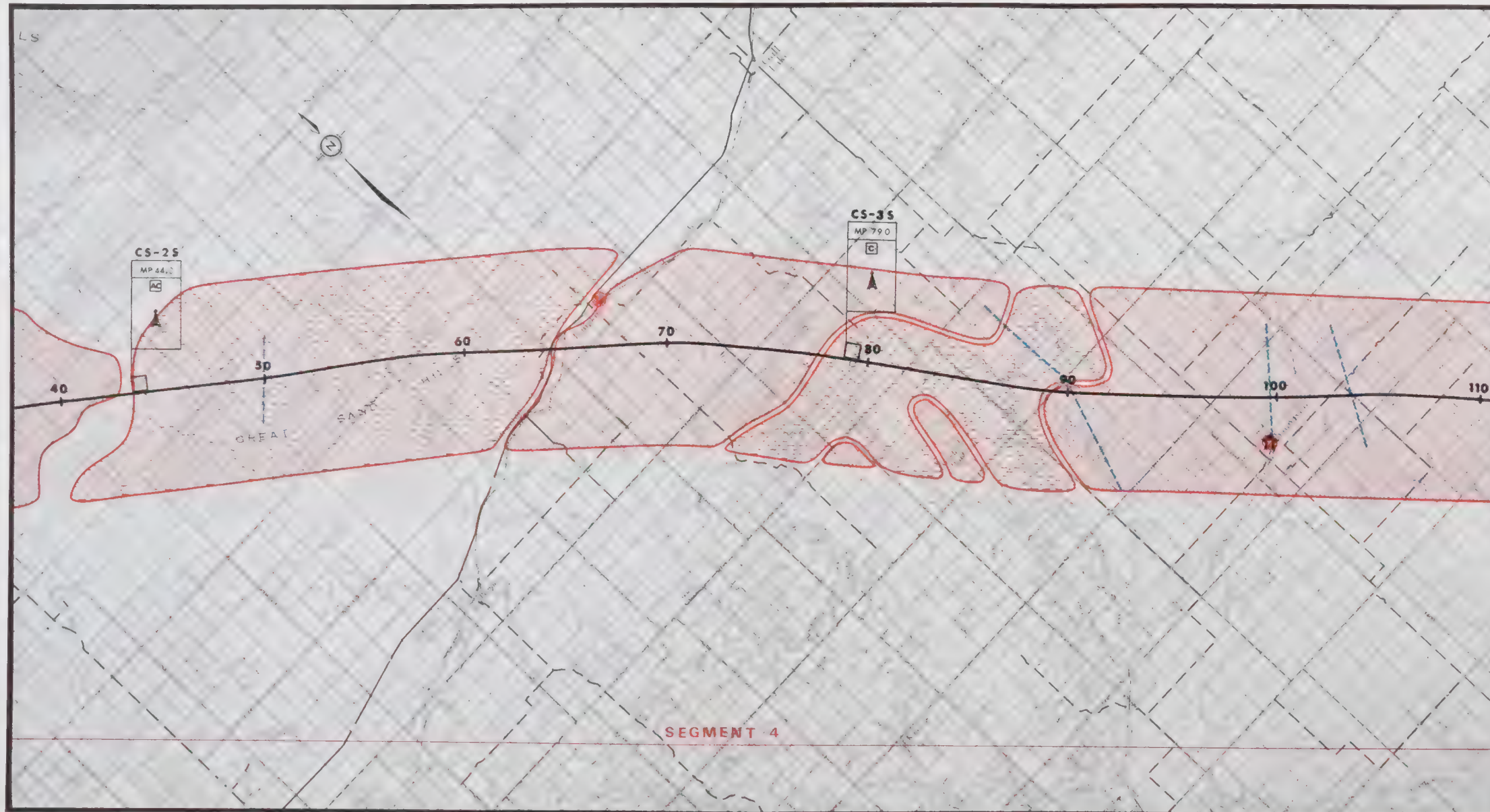
- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED

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PIPELINE LEGEND

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SASKATCHEWAN SECTION



LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

DEVELOPMENT CONTROL ZONE
PRIVATE LOTS
HIGHWAY COMMERCIAL SERVICES
AGRICULTURAL RESERVES



GRAZING LEASES
COMMERCIAL FORESTRY
GRAZING LAND (SASK.)
CULTIVATED FARM LAND (SASK.)

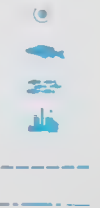


SERIES TWO

LIMITED OR NO FACILITIES
ALL FACILITIES
WATER LANDING
CNT POLE LINE
PROPOSED HYDRO FACILITY
MINING CLAIM



MINE
COMMERCIAL FISHING
DOMESTIC FISHING
SODIUM SULPHATE PLANT (SASK.)
EXISTING PIPELINE
TRANSMISSION LINE



RECREATION SERIES

CAMPGROUNDS
POTENTIAL RECREATION
IBP RESERVES (PROPOSED)
KLUANE GAME SANCTUARY



KLUANE NATIONAL PARK RESERVE
PROPOSED TERRITORIAL PARKS
PROPOSED VAL MARIE GRASSLANDS
NATIONAL PARK



TRAPPING SERIES

PRIME TRAPPING AREA (PTA)
RESERVE FOR DISABLED AND AGED



REGULARLY USED AREA
IRREGULARLY USED AREA



PIPELINE LEGEND

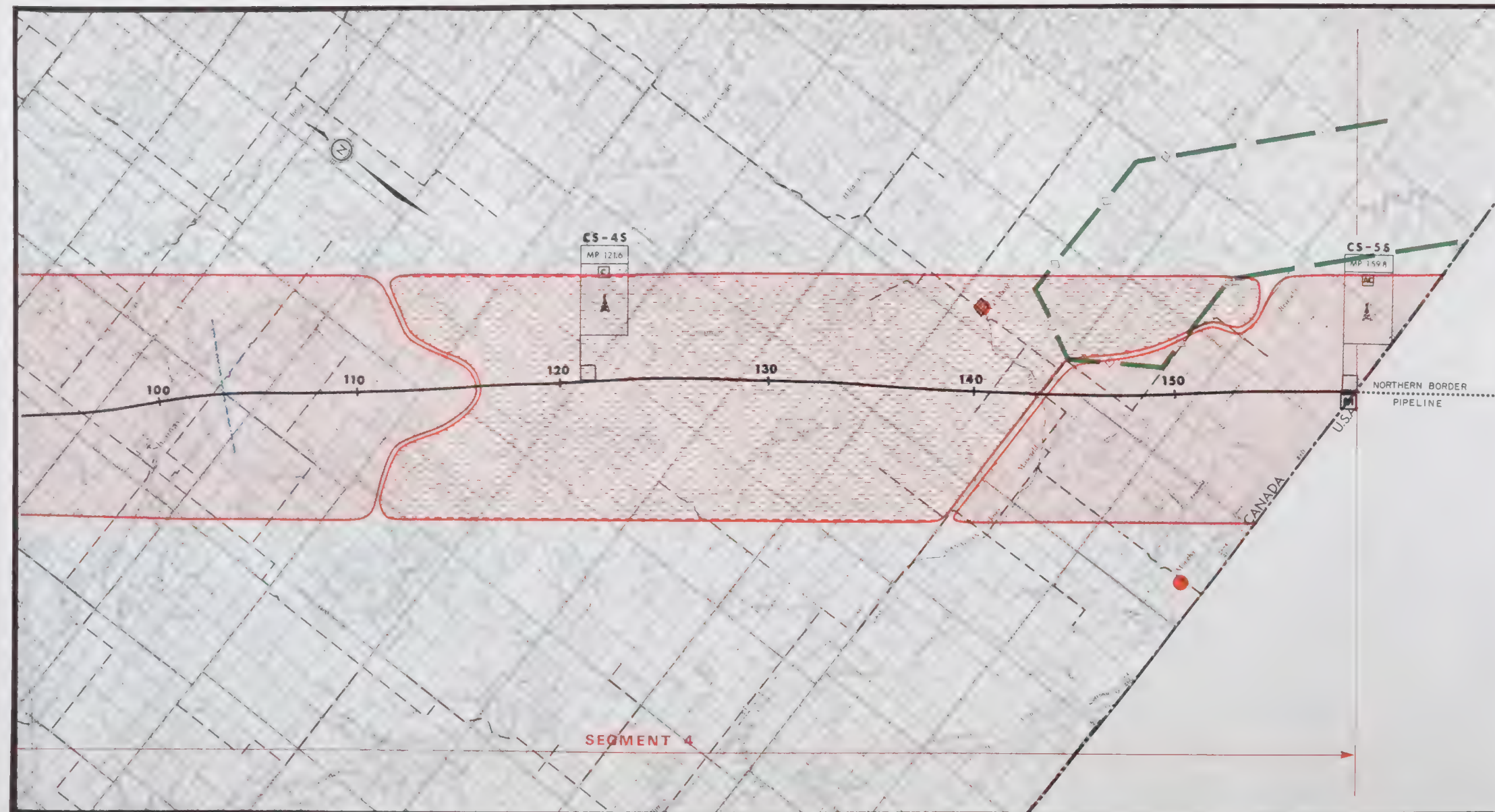
PROPOSED PIPELINE ROUTE
TELECOMMUNICATIONS BASE STATION
ACCESS ROAD
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COMPRESSOR STATION
COMPRESSOR STATION WITH CHILLING
COMPRESSOR STATION WITH AERIAL COOLERS
COMPRESSOR STATION WITH GAS HEATER



FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION



LEGENDS

LAND USE and SPECIAL AREAS

SERIES ONE

- DEVELOPMENT CONTROL ZONE
- PRIVATE LOTS
- HIGHWAY COMMERCIAL SERVICES
- AGRICULTURAL RESERVES



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- COMMERCIAL FORESTRY
- GRAZING LAND (SASK)
- CULTIVATED FARM LAND (SASK)

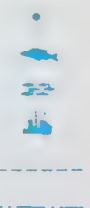


SERIES TWO

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- WATER LANDING
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- PROPOSED HYDRO FACILITY
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RECREATION SERIES

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- KLUANE NATIONAL PARK RESERVE
- PROPOSED TERRITORIAL PARKS
- PROPOSED VAL MARIE GRASSLANDS NATIONAL PARK



TRAPPING SERIES

- PRIME TRAPPING AREA (PTA)
- RESERVE FOR DISABLED AND AGED



- REGULARLY USED AREA
- IRREGULARLY USED AREA



PIPELINE LEGEND

- PROPOSED PIPELINE ROUTE
- TELECOMMUNICATIONS BASE STATION
- ACCESS ROAD
- HEAD OFFICE
- AREA OFFICE



- COMPRESSOR STATION
- COMPRESSOR STATION WITH CHILLING
- COMPRESSOR STATION WITH AERIAL COOLERS
- COMPRESSOR STATION WITH GAS HEATER



FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION

AESTHETICS

BACKGROUND

The accompanying maps illustrate an evaluation of visual resources along the proposed pipeline in the Yukon and Saskatchewan.

VISUAL FEATURES: Site specific landscape elements of visual interest that are geological, hydrological, biological or cultural in origin. Features of large scale that serve as landmarks are designated as "regional features". High quality, smaller scale points of interest are shown as "local features". "Biological Zones of Interest" are areas of game sanctuaries or International Biological Program (IBP) sites that would have wildlife and vegetational interest and diversity.

VISUAL ZONES: The corridor along the proposed pipeline alignment was divided into zones with common visual characteristics such as vegetation, landform, water form and the presence of landmark features. The Visual Inventory in the Environmental Statement provides a summary description of each zone.

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The Lombard North Group Ltd. 1976. The Alternatives — A Summary of Three Proposals to Move Prudhoe Bay Gas. Prepared for Alcan Pipeline Co.

Schultz and Company Ltd. 1976. Yukon Preliminary Environmental Impact Assessment of the Proposed Alcan Pipeline. Volume 1. Prepared for Gulf Interstate Engineering Company.

Slaney, F. F. and Company. 1976. Application of the Alcan Pipeline Company before the U.S. Federal Power Commission. Exhibit Z-1, Volume 2 and Volume 4.

Synergy West Ltd. 1974. Kluane Region Study. Prepared for the Yukon Territorial Government.

ARCHAEOLOGY

BACKGROUND

The following maps depict archaeological and historical sites within the pipeline corridor. Prehistoric site locations in the Yukon Section were obtained from consultation of the Archaeological Survey of Canada site files and maps. Saskatchewan site locations were also obtained from this source and from consultation of the Saskatchewan Museum of Natural History site files. Some sites, in the Saskatchewan Section, were also recorded during aerial reconnaissance.

Historic Yukon native settlements and other areas of Native use were obtained principally from Johnson and Raup (1964) and McClellan (1975). Settlement site locations are well documented while trade or fishing site locations are more general.

Mining communities and camps, road houses, and trail locations from the Gold Rush Era were obtained from a variety of sources, including the documents and maps held by the Yukon Archives, Public Archives of Canada, reports of staff of the Geological Survey of Canada (McConnell 1905) and various regional studies (Synergy West 1974). Locations, in general, except for some trail systems and road houses, are relatively accurate.

Alaska Highway and North West Staging Route camp locations were obtained from the "Interim Report of the U.S. House of Representatives Committee on Roads"; CANOL camp and station locations from Finnie (1945) and also CANOL blueprints in the Public Archives of Canada, and relevant National Topographic Series maps (1:50,000). The locations of all stations are neither perfectly accurate nor complete.

Log cabin locations are based on observations made during aerial reconnaissance. They are not in all instances precise.

Saskatchewan historic site locations are from Turner (1950) and Tiessen (1974). They are not precise.

INFORMATION SOURCES

Governmental:

National Museum of Man, Archaeological Survey of Canada, site files and maps.

Saskatchewan Museum of Natural History, site files and maps.

Public Archives of Canada — Map collection

Yukon Archives — Map collection

Published Sources:

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McCONNELL, R. G.

1905 Kluane Mining District. House of Commons Sessional Papers, Vol. 34, No. 11, Paper 26. Ottawa.

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1974 Yukon Historic Sites Evaluation. Prepared for Tourism and Information Branch, Government of the Yukon Territory. Whitehorse.

TIESSEN, H.

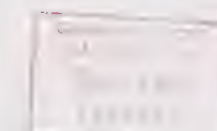
1974 Old Style Prairie Ranching Gives Way to Intensive Crop-and-Cattle Farming. Canadian Geographic Journal 88: 4-11. Ottawa

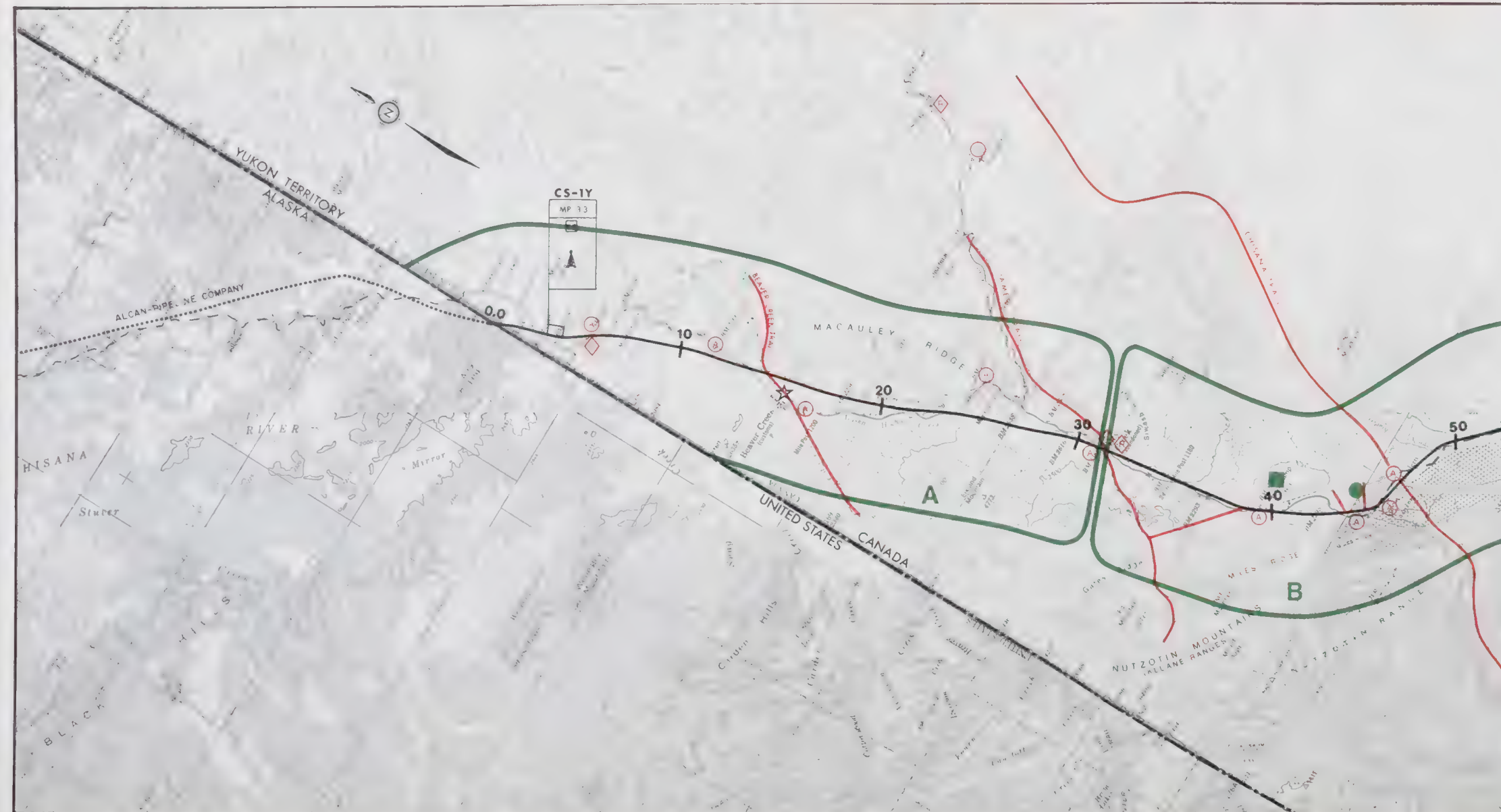
TURNER J. P.

1950 The Northwest Mounted Police, 1973-1893. Queen's Printer. Ottawa

UNITED STATES GOVERNMENT

1944 The Alaska Highway. Interim Report. Committee on Roads. House of Representatives Report No. 1705. Washington





LEGENDS **AESTHETICS and ARCHAEOLOGICAL**

AESTHETICS		
REGIONAL FEATURE	■	VISUAL ZONE
LOCAL FEATURE	●	BIOLOGICAL ZONE OF INTEREST
ARCHAEOLOGICAL		
NATIVE	[N]	PREHISTORIC SITE
VILLAGES	[V]	EARLY HISTORIC
GRAVES	[G]	CABINS
STRUCTURE	[S]	SETTLEMENT
FISHING STATION	[F]	MINING CAMP
TRADE CENTER	[T]	ROAD HOUSE
RECENT HISTORIC		
AIR BASES N.W. STAGING ROUTE	[S]	
ALCAN	[A]	
CANAL	[C]	
RAILROAD	[R]	
TRAILS	—	
PIPELINE LEGEND		
PROPOSED PIPELINE ROUTE	—	COMPRESSOR STATION
TELECOMMUNICATIONS BASE STATION	▲	COMPRESSOR STATION WITH CHILLING
ACCESS ROAD	—○—	COMPRESSOR STATION WITH AERIAL COOLERS
HEAD OFFICE	★	COMPRESSOR STATION WITH GAS HEATER
AREA OFFICE	☆	

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION

AESTHETICS and ARCHAEOLOGICAL

TRAILS

ROAD HOUSE

COMPRESSOR STATION WITH GAS HEATER

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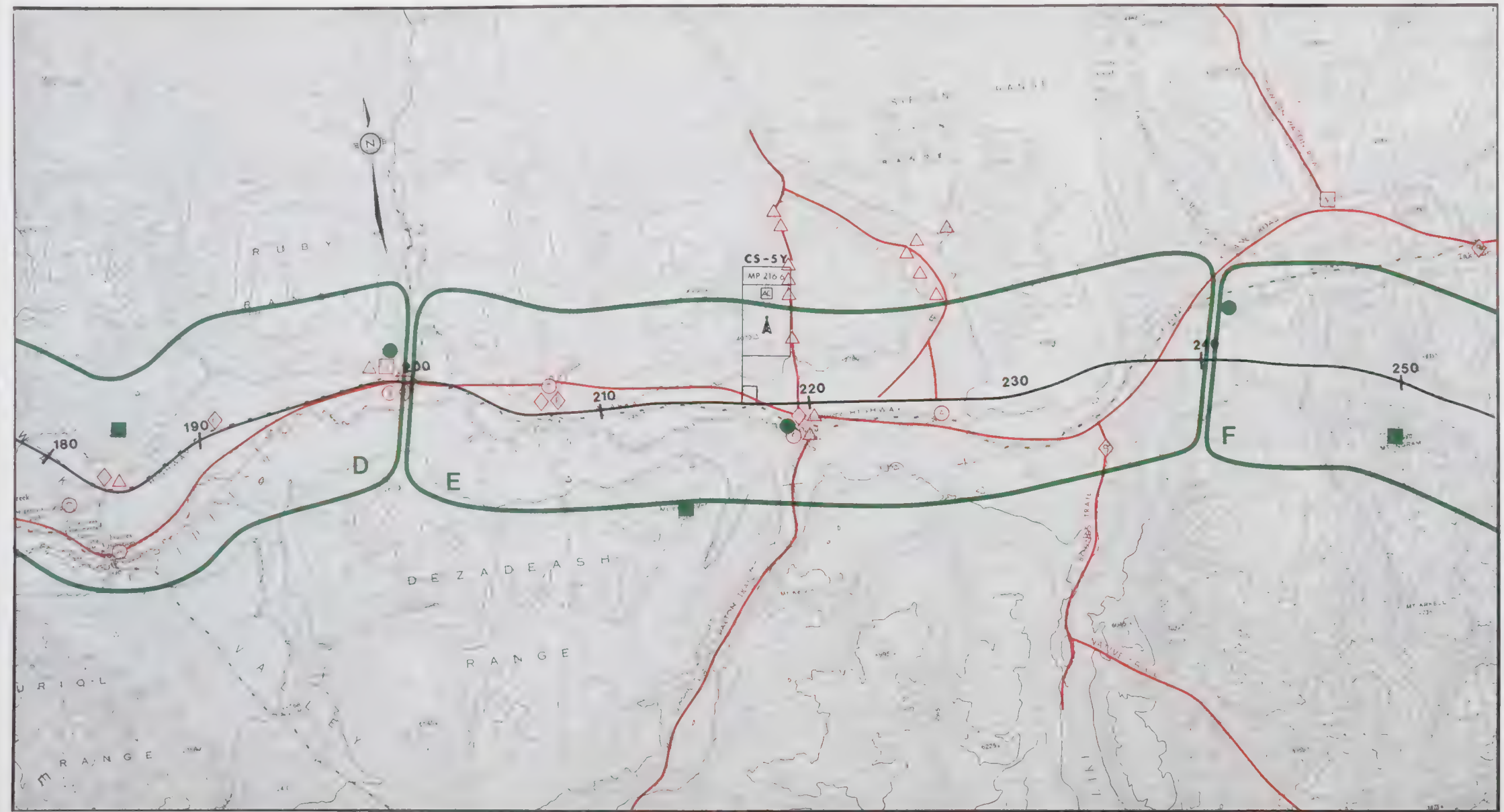
YUKON SECTION



LEGENDS AESTHETICS and ARCHAEOLOGICAL

AESTHETICS		
REGIONAL FEATURE	■	VISUAL ZONE
LOCAL FEATURE	●	BIOLOGICAL ZONE OF INTEREST
ARCHAEOLOGICAL		
NATIVE	[N]	PREHISTORIC SITE
VILLAGES	[V]	EARLY HISTORIC
GRAVES	[G]	CABINS
STRUCTURE	[S]	SETTLEMENT
FISHING STATION	[F]	MINING CAMP
TRADE CENTER	[T]	ROAD HOUSE
RECENT HISTORIC		
AIR BASES N.W. STAGING ROUTE	(S)	
ALCAN	(A)	
CANAL	(C)	
RAILROAD	(R)	
TRAILS	—	

PIPELINE LEGEND		
PROPOSED PIPELINE ROUTE	—	COMPRESSOR STATION
TELECOMMUNICATIONS BASE STATION	▲	COMPRESSOR STATION WITH CHILLING
ACCESS ROAD	—○—	COMPRESSOR STATION WITH AERIAL COOLERS
HEAD OFFICE	★	COMPRESSOR STATION WITH GAS HEATER
AREA OFFICE	☆	



LEGENDS

AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

REGIONAL FEATURE	■	VISUAL ZONE	○
LOCAL FEATURE	●	BIOLOGICAL ZONE OF INTEREST	○

ARCHAEOLOGICAL

NATIVE	[N]	PREHISTORIC SITE	△
VILLAGES	[V]	EARLY HISTORIC	◇
GRAVES	[G]	CABINS	◇
STRUCTURE	[S]	SETTLEMENT	◇
FISHING STATION	[F]	MINING CAMP	◇
TRADE CENTER	[I]	ROAD HOUSE	◇

RECENT HISTORIC	○
AIR BASES N.W. STAGING ROUTE	[S]
ALCAN	[A]
CANAL	[C]
RAILROAD	[R]
TRAILS	—

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE	—	COMPRESSOR STATION	□
TELECOMMUNICATIONS BASE STATION	▲	COMPRESSOR STATION WITH CHILLING	□
ACCESS ROAD	—	COMPRESSOR STATION WITH AERIAL COOLERS	□
HEAD OFFICE	★	COMPRESSOR STATION WITH GAS HEATER	□
AREA OFFICE	☆		

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

REGIONAL FEATURE
LOCAL FEATURE



VISUAL ZONE
BIOLOGICAL ZONE OF INTEREST



ARCHAEOLOGICAL

NATIVE



PREHISTORIC SITE



VILLAGES



EARLY HISTORIC



GRAVES



CABINS



STRUCTURE



SETTLEMENT



FISHING STATION



MINING CAMP



TRADE CENTER



ROAD HOUSE



RECENT HISTORIC



AIR BASES N.W. STAGING ROUTE



ALCAN



CANAL



RAILROAD



TRAILS



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION



TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING



ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS



HEAD OFFICE



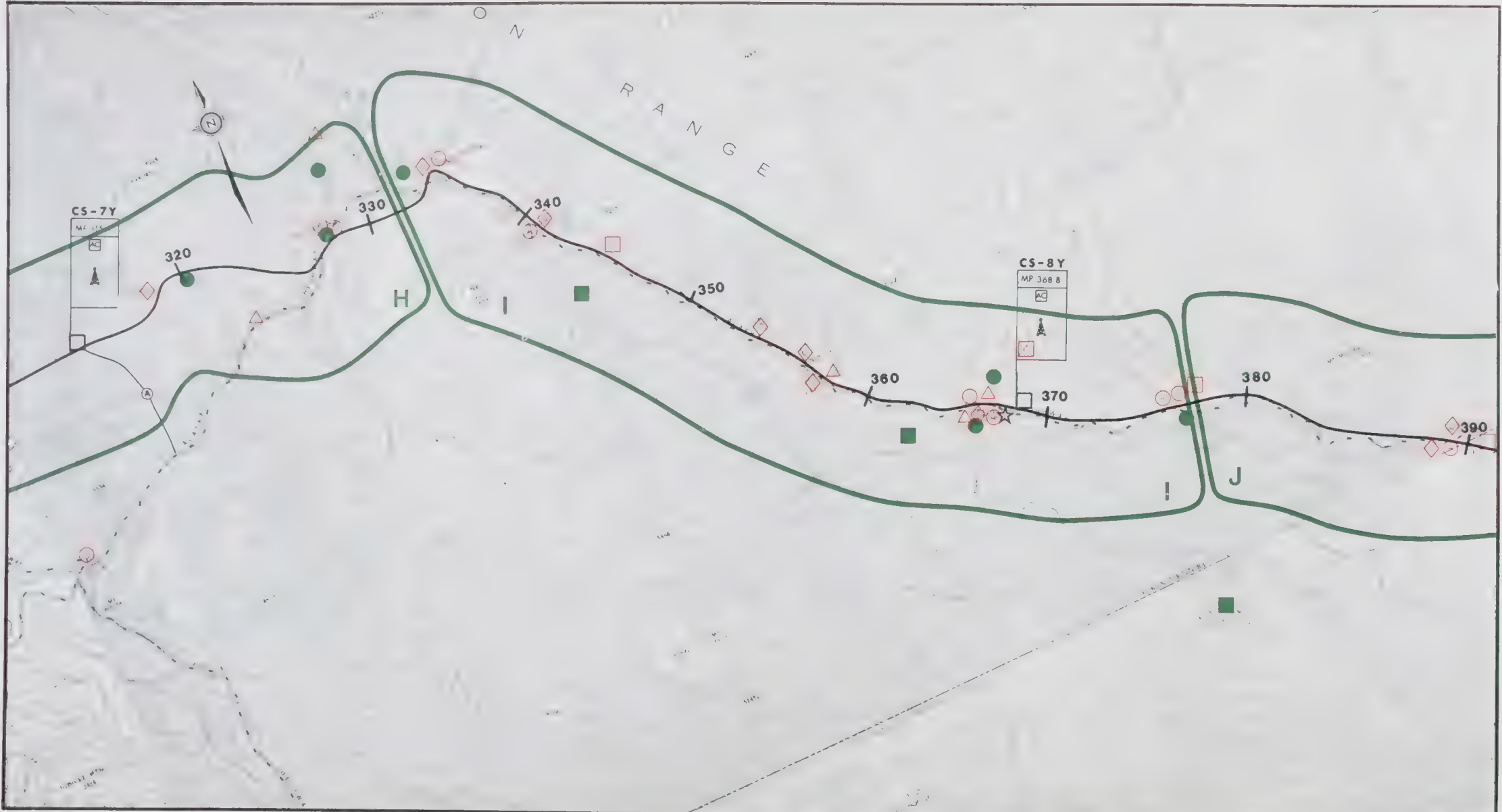
COMPRESSOR STATION WITH GAS HEATER



AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

- | | | | |
|------------------|---|-----------------------------|---|
| REGIONAL FEATURE | ■ | VISUAL ZONE | ○ |
| LOCAL FEATURE | ● | BIOLOGICAL ZONE OF INTEREST | ○ |

ARCHAEOLOGICAL

- | | | | |
|-----------------|-----|------------------|---|
| NATIVE | [N] | PREHISTORIC SITE | △ |
| VILLAGES | [V] | EARLY HISTORIC | ◇ |
| GRAVES | [G] | CABINS | ◇ |
| STRUCTURE | [S] | SETTLEMENT | ◇ |
| FISHING STATION | [F] | MINING CAMP | ◇ |
| TRADE CENTER | [T] | ROAD HOUSE | ◇ |

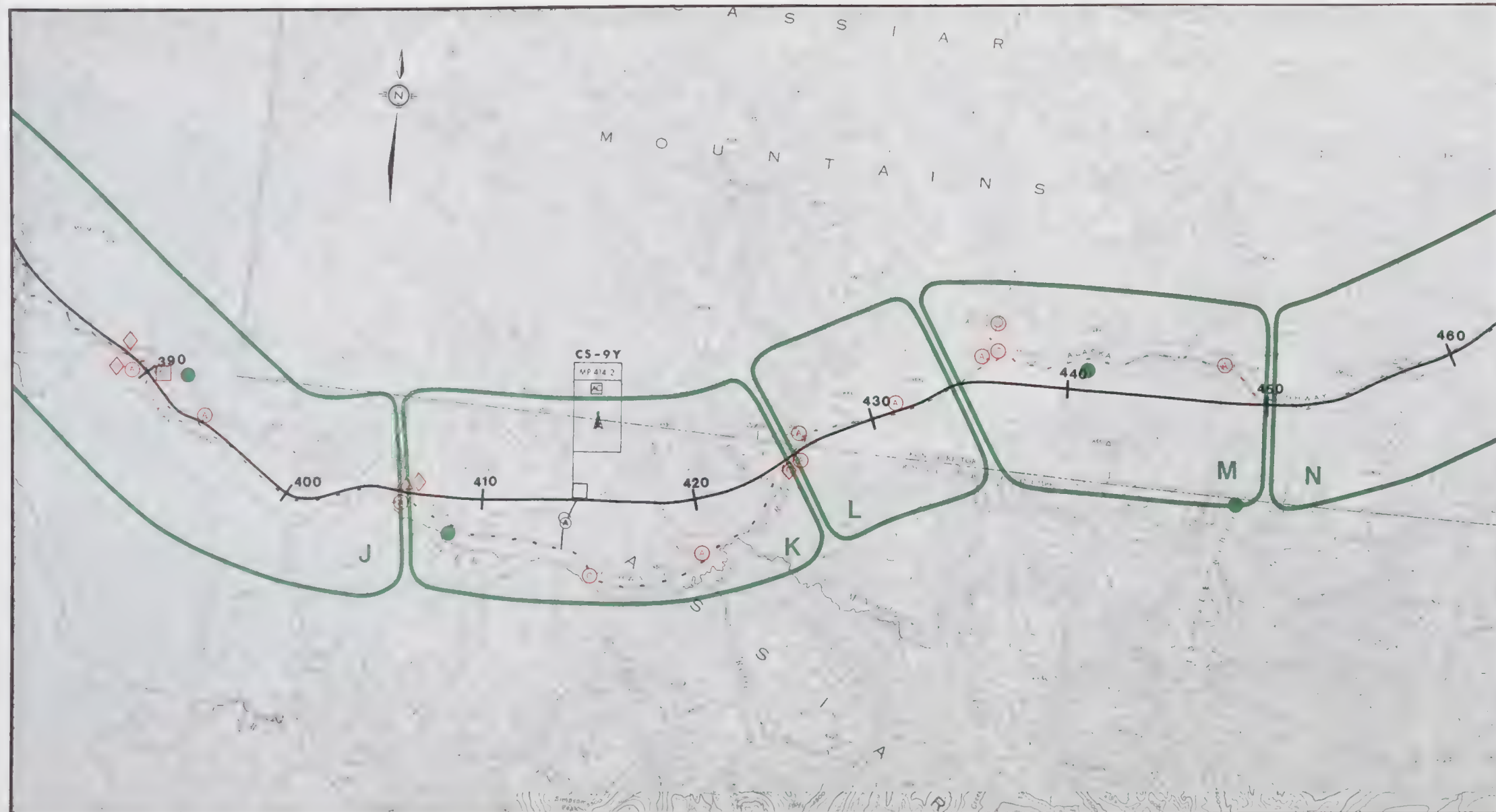
RECENT HISTORIC

- | | |
|------------------------------|---|
| AIR BASES N.W. STAGING ROUTE | ○ |
| ALCAN | ○ |
| CANAL | ○ |
| RAILROAD | ○ |
| TRAILS | — |

PIPELINE LEGEND

- | | | | |
|---------------------------------|-----|--|---|
| PROPOSED PIPELINE ROUTE | — | COMPRESSOR STATION | □ |
| TELECOMMUNICATIONS BASE STATION | ▲ | COMPRESSOR STATION WITH CHILLING | □ |
| ACCESS ROAD | —○— | COMPRESSOR STATION WITH AERIAL COOLERS | □ |
| HEAD OFFICE | ★ | COMPRESSOR STATION WITH GAS HEATER | □ |
| AREA OFFICE | ☆ | | |

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YUKON SECTION



LEGENDS

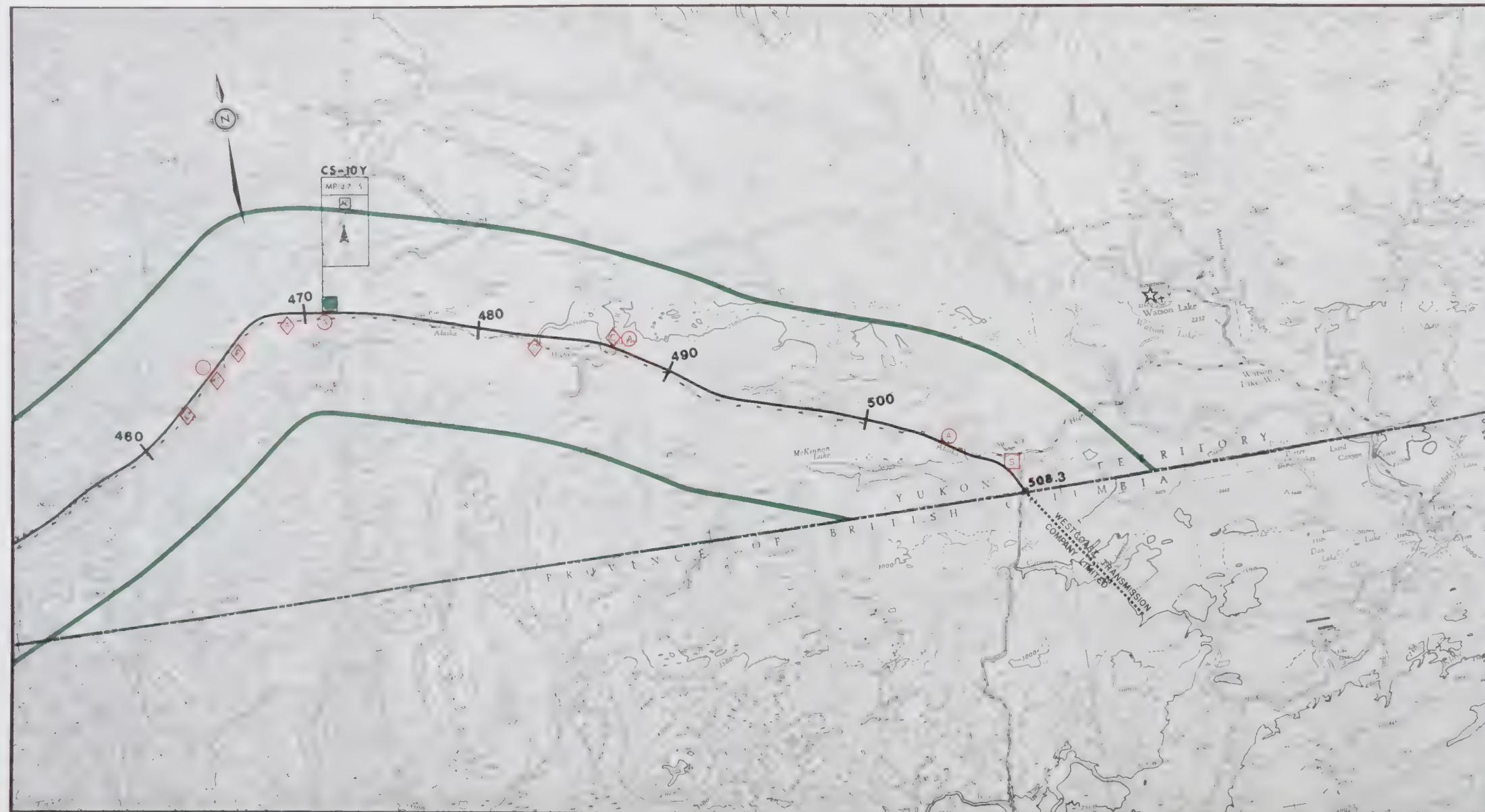
AESTHETICS and ARCHAEOLOGICAL

AESTHETICS	
REGIONAL FEATURE	■
LOCAL FEATURE	●
ARCHAEOLOGICAL	
NATIVE	[N]
VILLAGES	[V]
GRAVES	[G]
STRUCTURE	[S]
FISHING STATION	[F]
TRADE CENTER	[T]
VISUAL ZONE	
BIOLOGICAL ZONE OF INTEREST	
PREHISTORIC SITE	△
EARLY HISTORIC	◇
CABINS	◇
SETTLEMENT	◇
MINING CAMP	◇
ROAD HOUSE	◇

RECENT HISTORIC	
AIR BASES N.W. STAGING ROUTE	○
ALCAN	○
CANAL	○
RAILROAD	○
TRAILS	—

PIPELINE LEGEND	
PROPOSED PIPELINE ROUTE	—
TELECOMMUNICATIONS BASE STATION	▲
ACCESS ROAD	—○—
HEAD OFFICE	★
AREA OFFICE	☆
COMPRESSOR STATION	□
COMPRESSOR STATION WITH CHILLING	□
COMPRESSOR STATION WITH AERIAL COOLERS	□
COMPRESSOR STATION WITH GAS HEATER	□

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YUKON SECTION



LEGENDS

AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

REGIONAL FEATURE
LOCAL FEATURE

VISUAL ZONE
BIOLOGICAL ZONE OF INTEREST

ARCHAEOLOGICAL

NATIVE

VILLAGES

GRAVES

STRUCTURE

FISHING STATION

TRADE CENTER

PREHISTORIC SITE

EARLY HISTORIC

CABINS

SETTLEMENT

MINING CAMP

ROAD HOUSE

RECENT HISTORIC

AIR BASES N.W. STAGING ROUTE

ALCAN

CANAL

RAILROAD

TRAILS

CANADIAN ARCTIC
GAS STUDY LTD
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LIBRARY

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE

TELECOMMUNICATIONS BASE STATION

ACCESS ROAD

HEAD OFFICE

AREA OFFICE

COMPRESSOR STATION

COMPRESSOR STATION WITH CHILLING

COMPRESSOR STATION WITH AERIAL COOLERS

COMPRESSOR STATION WITH GAS HEATER

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS **AESTHETICS and ARCHAEOLOGICAL**

AESTHETICS

REGIONAL FEATURE
LOCAL FEATURE

■ VISUAL ZONE
● BIOLOGICAL ZONE OF INTEREST

ARCHAEOLOGICAL AND HISTORIC SITES

SURFACE CAMPS
BURIED CAMPS
BISON KILLS
TIPI RINGS
CAIRNS
EFFIGY

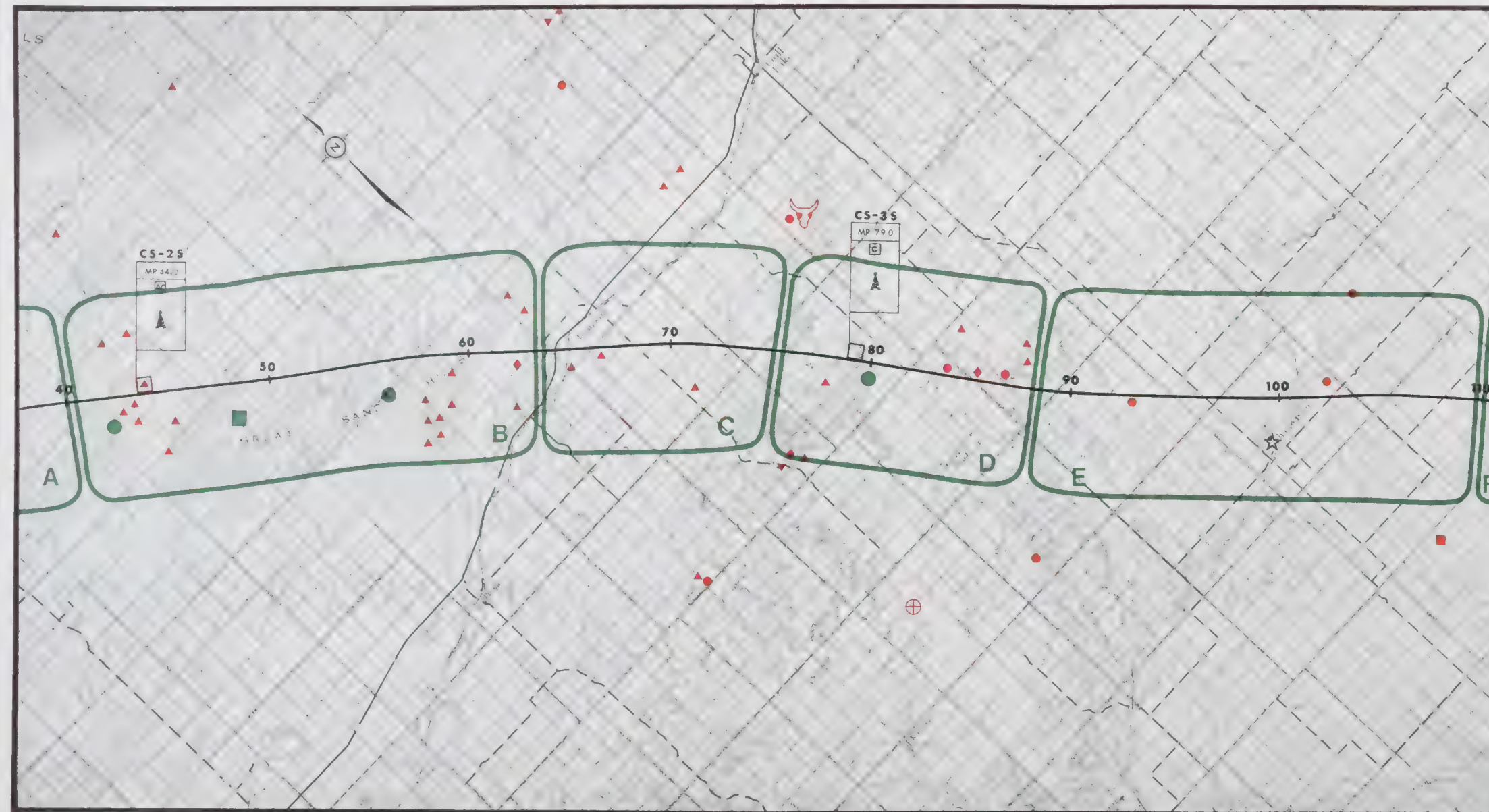
▲ MEDICINE WHEEL/RING/CAIRNS COMPLEX
▼ BURIAL
V RIFLE PITS
● NWMP POST
◆ RANCH
⊕ HOMESTEAD

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE
TELECOMMUNICATIONS BASE STATION
ACCESS ROAD
HEAD OFFICE
AREA OFFICE

— COMPRESSOR STATION
▲ COMPRESSOR STATION WITH CHILLING
—●— COMPRESSOR STATION WITH AERIAL COOLERS
★ COMPRESSOR STATION WITH GAS HEATER
☆

FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION



LEGENDS

AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

REGIONAL FEATURE

LOCAL FEATURE

VISUAL ZONE

BIOLOGICAL ZONE OF INTEREST

ARCHAEOLOGICAL AND HISTORIC SITES

SURFACE CAMPS

BURIED CAMPS

BISON KILLS

TIPI RINGS

CAIRNS

EFFIGY

MEDICINE WHEEL/RING/CAIRNS COMPLEX

BURIAL

RIFLE PITS

NWMP POST

RANCH

HOMESTEAD

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE

TELECOMMUNICATIONS BASE STATION

ACCESS ROAD

HEAD OFFICE

AREA OFFICE

COMPRESSOR STATION

COMPRESSOR STATION WITH CHILLING

COMPRESSOR STATION WITH AERIAL COOLERS

COMPRESSOR STATION WITH GAS HEATER

FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION



LEGENDS

AESTHETICS and ARCHAEOLOGICAL

AESTHETICS

REGIONAL FEATURE

LOCAL FEATURE

VISUAL ZONE

BIOLOGICAL ZONE OF INTEREST

ARCHAEOLOGICAL AND HISTORIC SITES

SURFACE CAMPS

BURIED CAMPS

BISON KILLS

TIPI RINGS

CAIRNS

EFFIGY

MEDICINE WHEEL/RING/CAIRNS COMPLEX

BURIAL

RIFLE PITS

NWMP POST

RANCH

HOMESTEAD

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE

TELECOMMUNICATIONS BASE STATION

ACCESS ROAD

HEAD OFFICE

AREA OFFICE

COMPRESSOR STATION

COMPRESSOR STATION WITH CHILLING

COMPRESSOR STATION WITH AERIAL COOLERS

COMPRESSOR STATION WITH GAS HEATER

FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION

FISH

BACKGROUND

Data on the streams and rivers crossed and/or paralleled by the proposed pipeline for which information is currently available have been summarized in the following maps. The major function(s) of individual watercourses in relation to fish resources and utilization have been assigned one or a combination of the following designations: migration route, spawning area, nursery area, overwintering area, domestic fishing, commercial fishing and sport fishing. Identification of these areas is based on existing data and represents suspected or known areas only.

INFORMATION SOURCES

The data base from which the following maps were compiled relies heavily on unpublished information in government files. Other sources of information are included below

Brook, D.N. 1976. Distribution and abundance of chinook (*Oncorhynchus tshawytscha*) and chum (*Oncorhynchus keta*) salmon in the upper Yukon River system in 1974, as determined by a tagging program. PAC/T - 76-3, 56 pp.

Canada, Dept. of the Environment, Northern British Columbia and Yukon Division, Northern Operations Branch, Pacific Region PAC/T - 73-13. 1973. Fisheries and Marine Service. Catalogue of fish and stream resources of the Teslin watershed.

Clemens, W.A., et al. 1945. A preliminary report on a fisheries survey of Teslin Lake, British Columbia. Report of the B.C. Fisheries Dept. for 1944, Victoria, pp. 70-75.

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Lebida, R.K. 1972. Yukon Territory King Salmon studies, 1971. Alaska, Dept. of Fish and Game, Division of Commercial Fisheries, A-Y-K Region, Fishery Bulletin No. 12, Anchorage, Alaska.

Switzer, O. 1974. Distribution and abundance of chinook (*Oncorhynchus tshawytscha*) and chum (*Oncorhynchus keta*) salmon in the upper Yukon system in 1973 as determined by a tagging program. PAC/T - 74-20, 24 pp.

Walker, C.E. and F.R. Brown. 1974. Stream studies in the Aishihik system with reference to hydroelectric developments. PAC/T - 74-9, 46 pp. and appendices.

BIRDS

BACKGROUND

In the following series of maps, birds are considered in three groups: waterfowl, raptors and upland game birds. These three groups are regarded as comprising the most economically and aesthetically important avifauna in the regions in question. The raptors are all classified as rare and/or endangered species, and, among waterfowl, the trumpeter swan (*Olor buccinator*) is also given this designation.

Information presented in the map series includes the location and nature of use (both actual and potential) of waterfowl habitats (migration/staging, breeding). General locations of actual and potential nesting habitat of raptors are also given. Considered here are:

- 1) Yukon cliff-nesting raptors — the Peregrine Falcon (*Falco peregrinus*), Gyrfalcon (*F. rusticolus*), and Golden Eagle (*Aquila chrysaetos*);
- 2) Yukon tree-nesting raptors — Bald Eagle (*Haliaeetus leucocephalus*) and Osprey (*Pandion haliaetus*); and
- 3) Saskatchewan cliff-nesting raptors — Prairie Falcon (*Falco mexicanus*) and Richardson's Merlin (*F. columbarius richardsonii*).

Upland game birds considered in the Yukon maps are primarily Spruce Grouse (*Canachites canadensis*), Ruffed Grouse (*Bonasa umbellus*), and Sharp-tailed Grouse (*Pediacetes phasianellus*); in the Saskatchewan maps, they are Sharp-tailed Grouse, Sage Grouse (*Centrocercus urophasianus*), Ring-necked Pheasant (*Phasianus colchicus*), and Grey Partridge (*Perdix perdix*).

Areas of importance to the three bird groups have been identified if the proposed pipeline route lies within five miles of presently used or potential habitats.

INFORMATION SOURCES

Information was obtained from interviews with government and other personnel, literature review, and aerial reconnaissance of the regions in question. The following is a list of information sources:

Banfield, A.W.F. 1953. Notes on the birds of the Klauane Game Sanctuary, Yukon Territory. Can. Field-Nat. 67:177-179.

Beckel, D.K.B. (ed.). 1975. IBP Ecological Sites in Subarctic Canada. Can. Comm. Intern. Biol. Progr., Conservation of Terrestrial Biological Communities Subcommittee, Region 10 Panel. Univ. Lethbridge. 163 pp.

Dennington, M. 1976. Canadian Wildlife Service, Whitehorse, Y.T. Personal Communication.

Department of Tourism and Renewable Resources, Saskatchewan. 1976. Terrestrial Wildlife Habitat Inventory Maps (Unpublished, Scale 1: 250,000). Saskatoon.

Environment Canada. 1973. Land Use Information Map Series. Scale 1: 250,000. Depts. of the Environment and Indian Affairs and Northern Development, Ottawa.

Forbes, C. B. 1976. Ducks Unlimited (Canada), Regina. Personal Communication.

Godfrey, W.E. 1950. Birds of the Cypress Hills and Flotten Lake regions, Saskatchewan. Nat. Mus. Can. Bull. No. 120, Biol. Ser. No. 40 96 pp.

xxxxxxx. 1951. Notes on the birds of southern Yukon Territory. Nat. Mus. Can. Bull. 123: 88-115.

Hoefs, M. 1973. Birds of the Klauane Game Sanctuary, Yukon Territory, and adjacent areas. Can. Field-Nat. 87: 345-355.

Lortie, G. 1976. Government of the Yukon Territory, Game Branch. Personal Communication.

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Schultz, C. D. and Co. Ltd. 1976. Preliminary Environmental Impact Assessment of the proposed Alcan Pipeline. Vol. 1. (Beaver Creek to Zama Lake.) Report prepared for Gulf Interstate Engineering Co. 240 pp.

Slaney, F.F. and Co. Ltd. 1976. Application of Alcan Pipeline Co., exhibit Z-1, Vol. 2, Canada, Yukon to Zama. Report prepared for Gulf Interstate Engineering Co. 493 pp.

Soper, J.D. 1954. Waterfowl and other ornithological investigations in Yukon Territory, Canada, 1950. Can. Wildl. Serv., Wildl. Mgmt. Bull. Ser. 2., No. 7. 55 pp.

Wright, E.M. 1976. formerly with Ducks Unlimited (Canada), Regina. Personal Communication.



LEGENDS FISH and BIRDS

- | | |
|---|---------|
| FISH | |
| MIGRATION ROUTE | (M) |
| SPAWNING AREA | (S) |
| NURSERY AREA | (N) |
| OVERWINTERING AREA | (O) |
| BIRDS | |
| WATERFOWL MIGRATION/STAGING AREA | (W-M/S) |
| WATERFOWL BREEDING AREA | (W-B) |
| POSSIBLE RARE AND OR ENDANGERED SPECIES BREEDING AREA | (W-R) |
| POTENTIAL | (P) |
| UPLAND GAME BIRD RANGE | (U) |
| DOMESTIC FISHING | (D) |
| COMMERCIAL FISHING | (C) |
| SPORT FISHING | (S) |
| RAPTORS, TREE-NESTING SPECIES BREEDING AREA | (R) |
| RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA | (C) |
| POTENTIAL | (P) |
| MIGRATION PATHWAY (SWANS & GEESE) | (M) |

- | | |
|--|---|
| PIPELINE LEGEND | |
| PROPOSED PIPELINE ROUTE | (Solid line) |
| TELECOMMUNICATIONS BASE STATION | (Tower symbol) |
| ACCESS ROAD | (Dashed line) |
| HEAD OFFICE | (Star symbol) |
| AREA OFFICE | (Star with dot symbol) |
| COMPRESSOR STATION | (Circle with cross symbol) |
| COMPRESSOR STATION WITH CHILLING | (Circle with cross and dot symbol) |
| COMPRESSOR STATION WITH AERIAL COOLERS | (Circle with cross and dot and line symbol) |
| COMPRESSOR STATION WITH GAS HEATER | (Circle with cross and dot and line and dot symbol) |

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION

LEGENDS

FISH and BIRDS

FISH

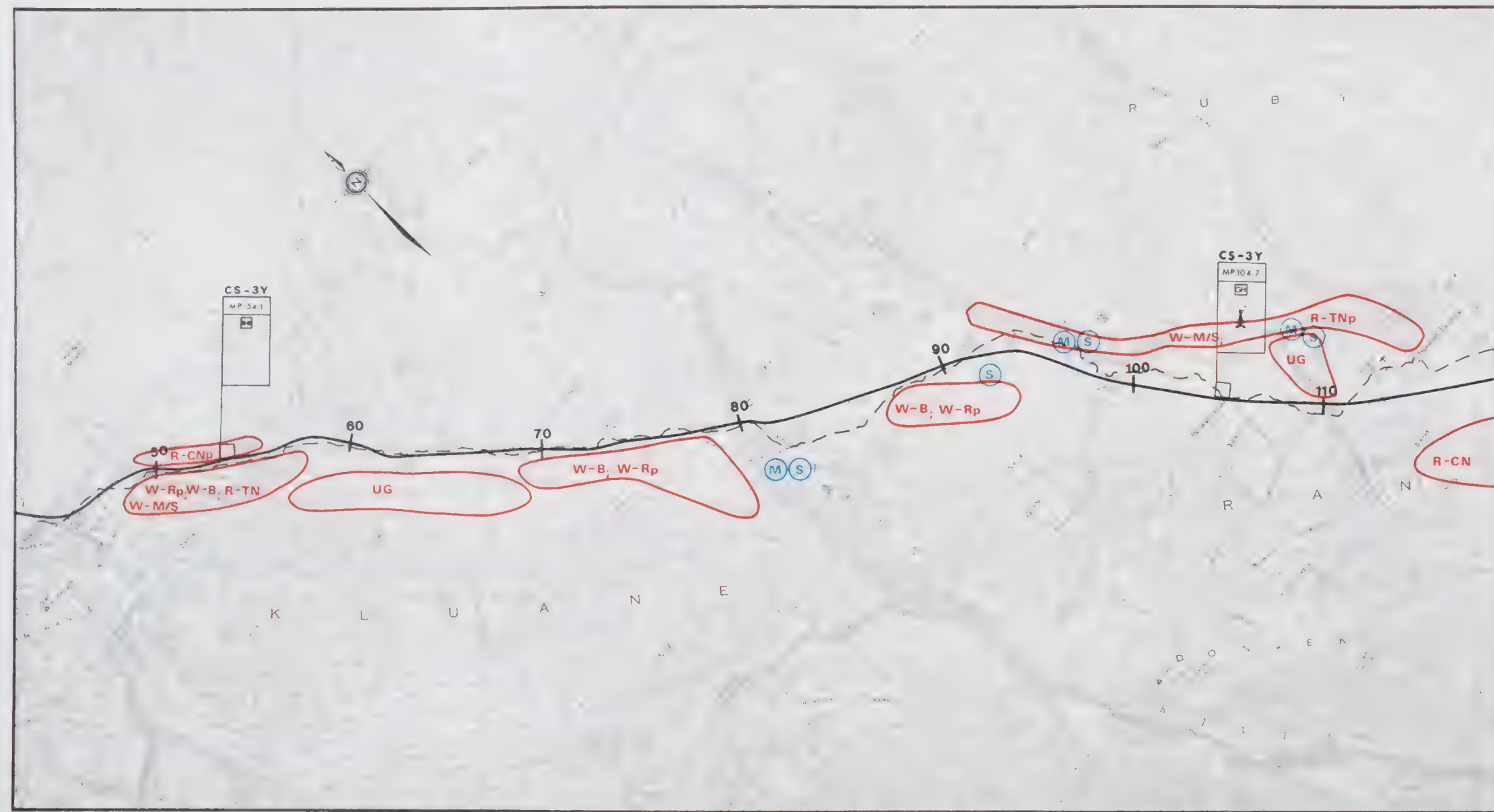
- MIGRATION ROUTE
- SPAWNING AREA
- NURSERY AREA
- OVERWINTERING AREA
- DOMESTIC FISHING
- COMMERCIAL FISHING
- SPORT FISHING

BIRDS

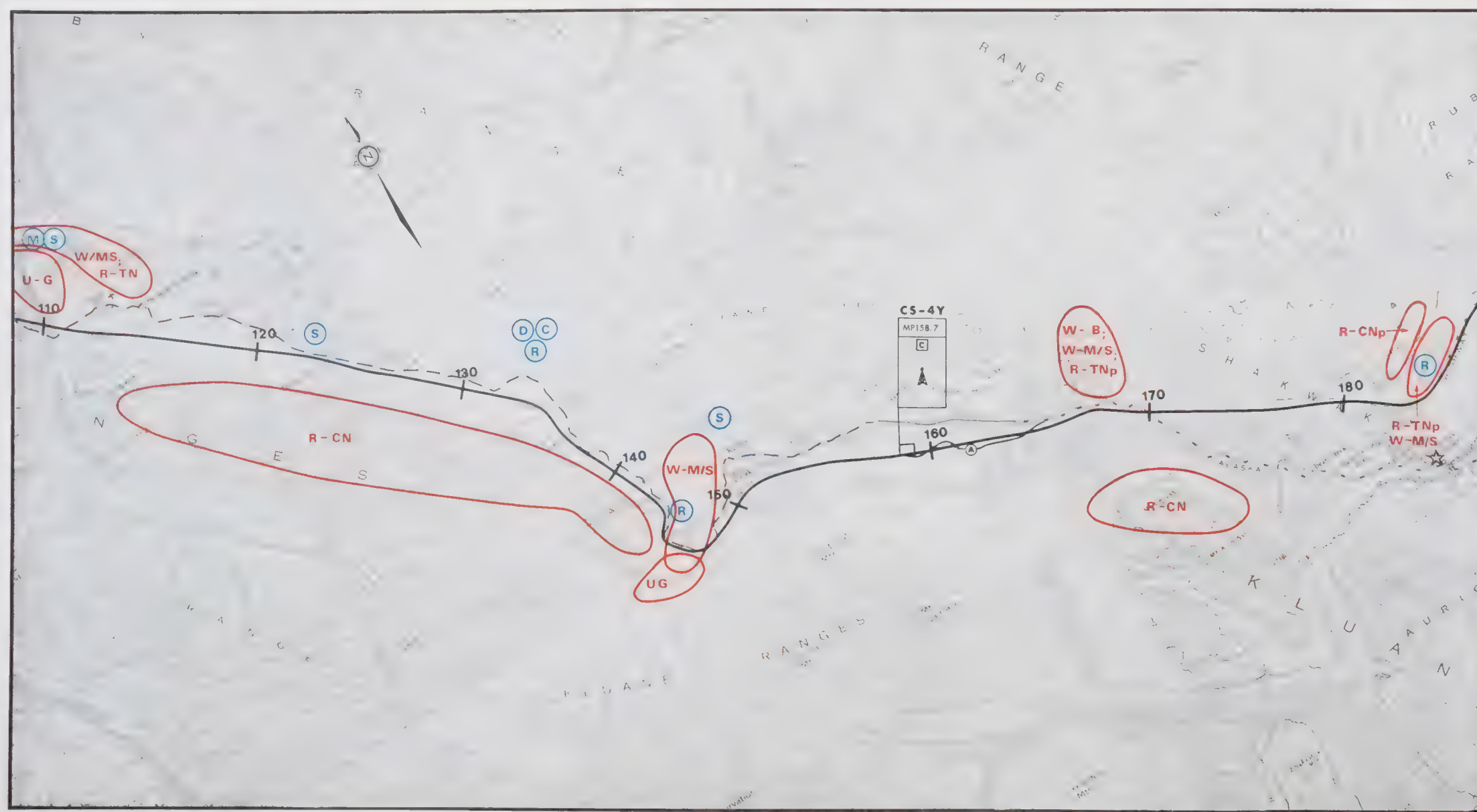
- WATERFOWL MIGRATION/STAGING AREA
- WATERFOWL BREEDING AREA
- POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA
- POTENTIAL
- UPLAND GAME BIRD RANGE
- W-M S
- W-B
- W-R
- P
- RAPTORS, TREE-NESTING SPECIES BREEDING AREA
- RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA
- POTENTIAL
- MIGRATION PATHWAY (SWANS & GEESE)

PIPELINE LEGEND

- PROPOSED PIPELINE ROUTE
- TELECOMMUNICATIONS BASE STATION
- ACCESS ROAD
- HEAD OFFICE
- AREA OFFICE
- COMPRESSOR STATION
- COMPRESSOR STATION WITH CHILLING
- COMPRESSOR STATION WITH AERIAL COOLERS
- COMPRESSOR STATION WITH GAS HEATER



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

FISH and BIRDS

FISH

MIGRATION ROUTE

M

DOMESTIC FISHING

D

SPAWNING AREA

S

COMMERCIAL FISHING

C

NURSERY AREA

N

SPORT FISHING

E

OVERWINTERING AREA

BIRDS

WATERFOWL MIGRATION/STAGING AREA

W-M/S

RAPTORS, TREE-NESTING SPECIES BREEDING AREA

R-TN

WATERFOWL BREEDING AREA

W-B

RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA

R-CN

POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA

W-R

POTENTIAL

P

POTENTIAL

P

MIGRATION PATHWAY (WANS & GEESE)

P

UPLAND GAME BIRD RANGE

UG

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE

—

COMPRESSOR STATION

□

TELECOMMUNICATIONS BASE STATION

▲

COMPRESSOR STATION WITH CHILLING

□

ACCESS ROAD

—○—

COMPRESSOR STATION WITH AERIAL COOLERS

□

HEAD OFFICE

★

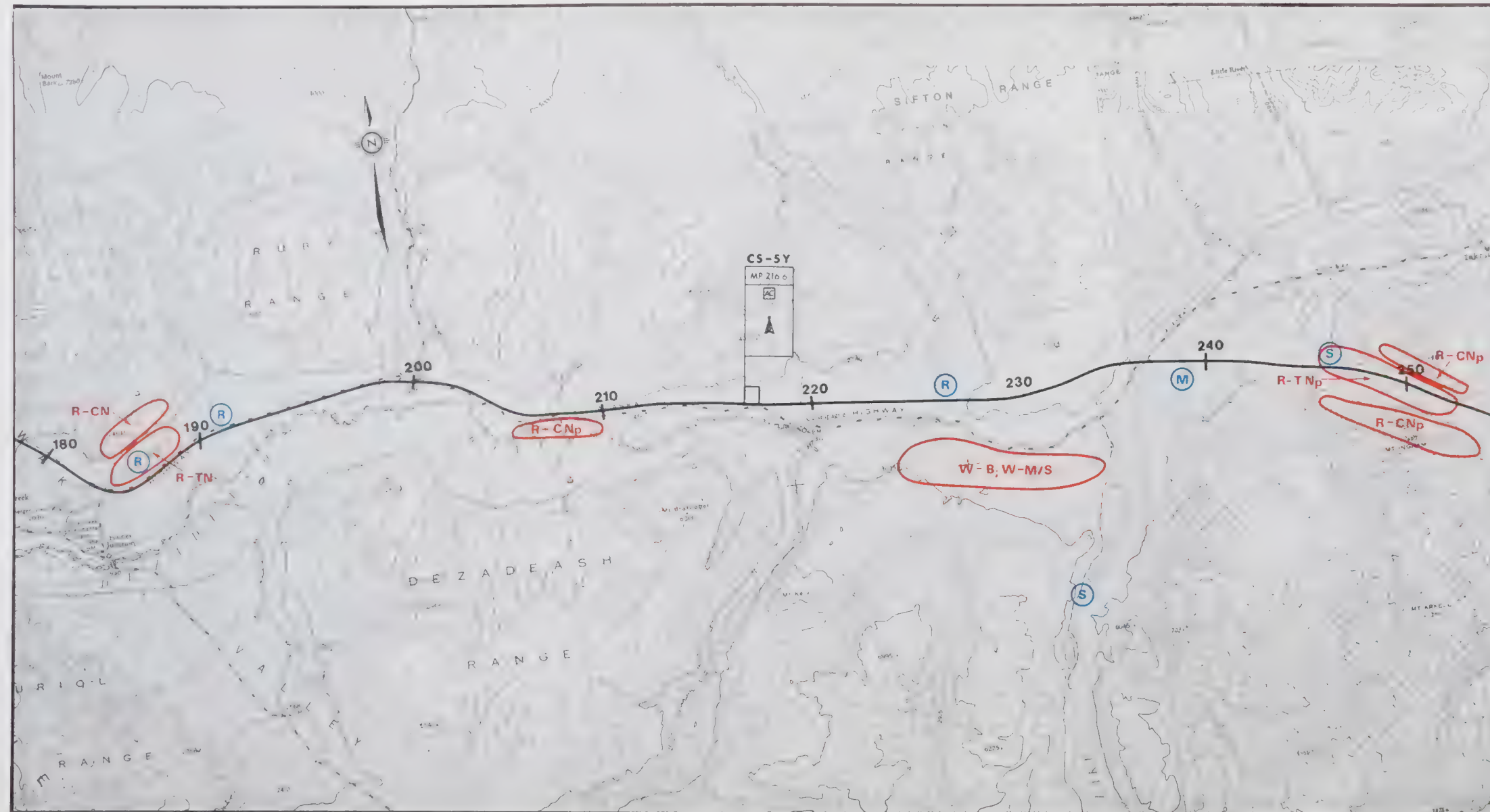
COMPRESSOR STATION WITH GAS HEATER

□

AREA OFFICE

☆

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

FISH and BIRDS

FISH

MIGRATION ROUTE



DOMESTIC FISHING

SPAWNING AREA



COMMERCIAL FISHING

NURSERY AREA



SPORT FISHING

OVERWINTERING AREA



BIRDS

WATERFOWL MIGRATION/STAGING AREA



RAPTORS, TREE-NESTING SPECIES BREEDING AREA

WATERFOWL BREEDING AREA



RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA

POSSIBLE RARE AND OR ENDANGERED SPECIES BREEDING AREA



POTENTIAL

POTENTIAL



MIGRATION PATHWAY (SWANS & GEESE)

UPLAND GAME BIRD RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION

TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING

ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS

HEAD OFFICE

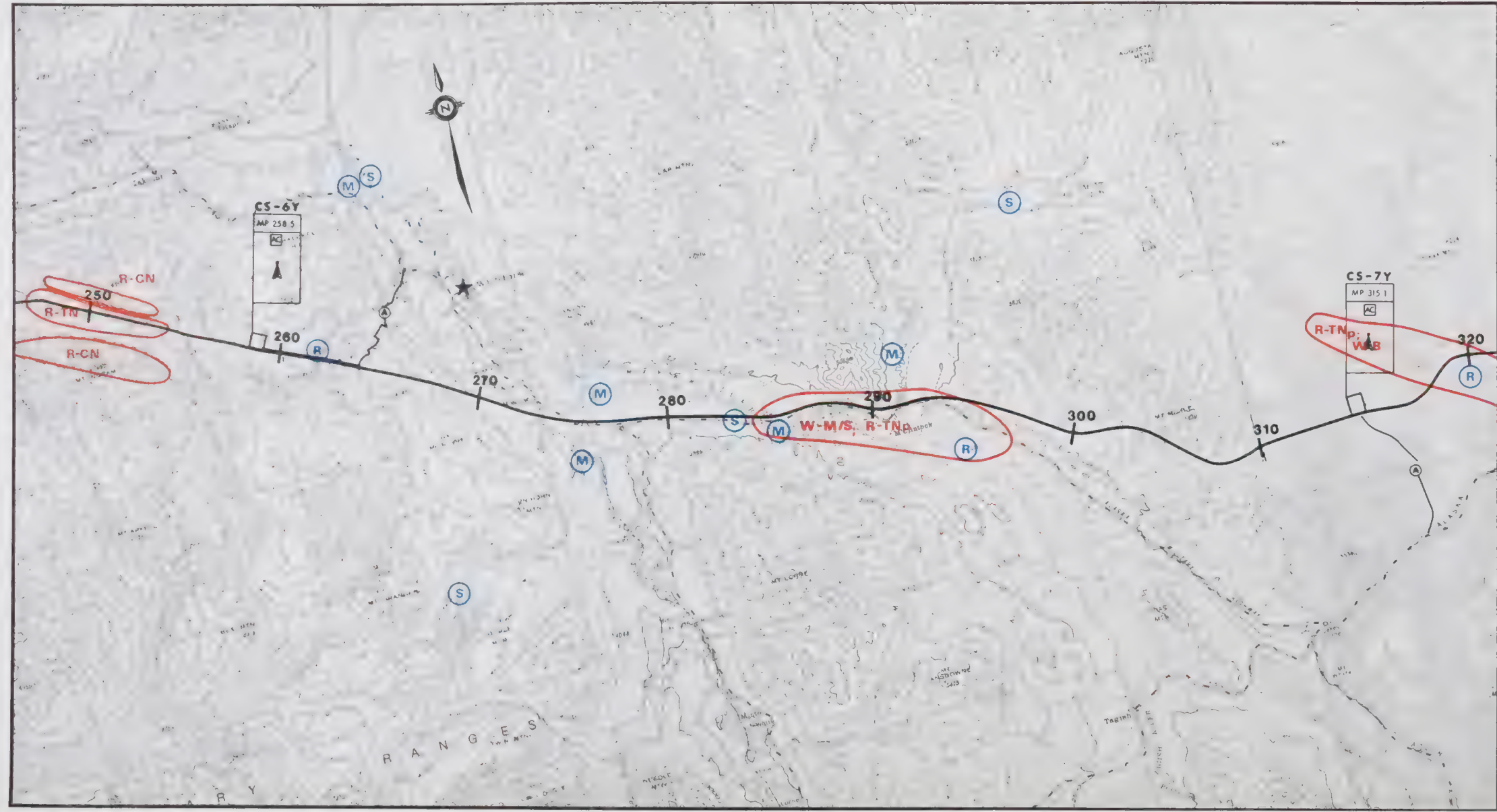


COMPRESSOR STATION WITH GAS HEATER

AREA OFFICE



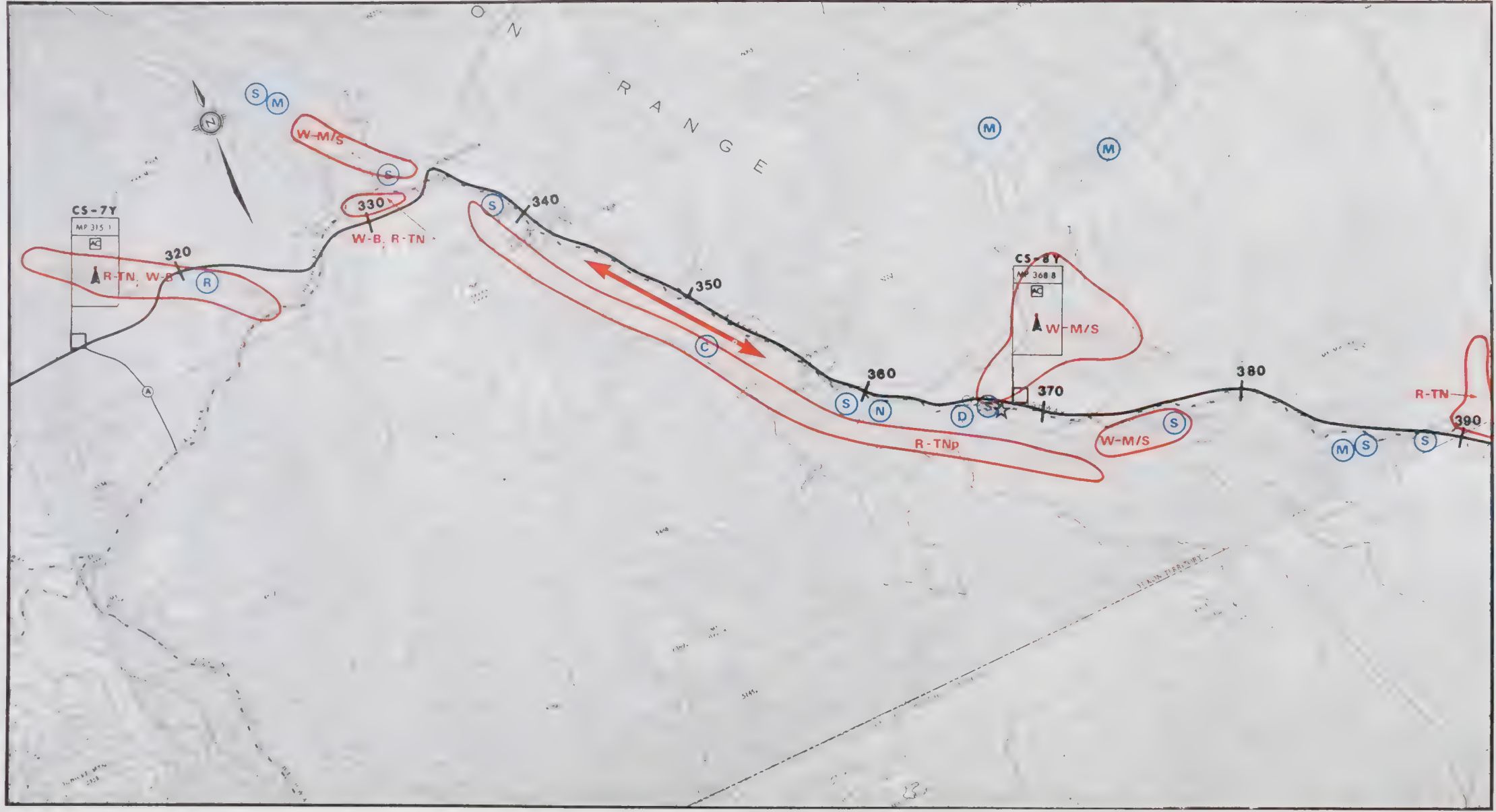
FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS FISH and BIRDS

- FISH**
- MIGRATION ROUTE
 - SPAWNING AREA
 - NURSERY AREA
 - OVERWINTERING AREA
- BIRDS**
- WATERFOWL MIGRATION/STAGING AREA
 - WATERFOWL BREEDING AREA
 - POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA
 - POTENTIAL
 - UPLAND GAME BIRD RANGE
- PIPELINE LEGEND**
- PROPOSED PIPELINE ROUTE
 - TELECOMMUNICATIONS BASE STATION
 - ACCESS ROAD
 - HEAD OFFICE
 - AREA OFFICE
- DOMESTIC FISHING**
- COMMERCIAL FISHING**
- SPORT FISHING**
- RAPTOR TREE-NESTING SPECIES BREEDING AREA**
- RAPTOR CLIFF-NESTING SPECIES BREEDING AREA**
- POTENTIAL**
- MIGRATION PATHWAY (SWANS & GEESE)**

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



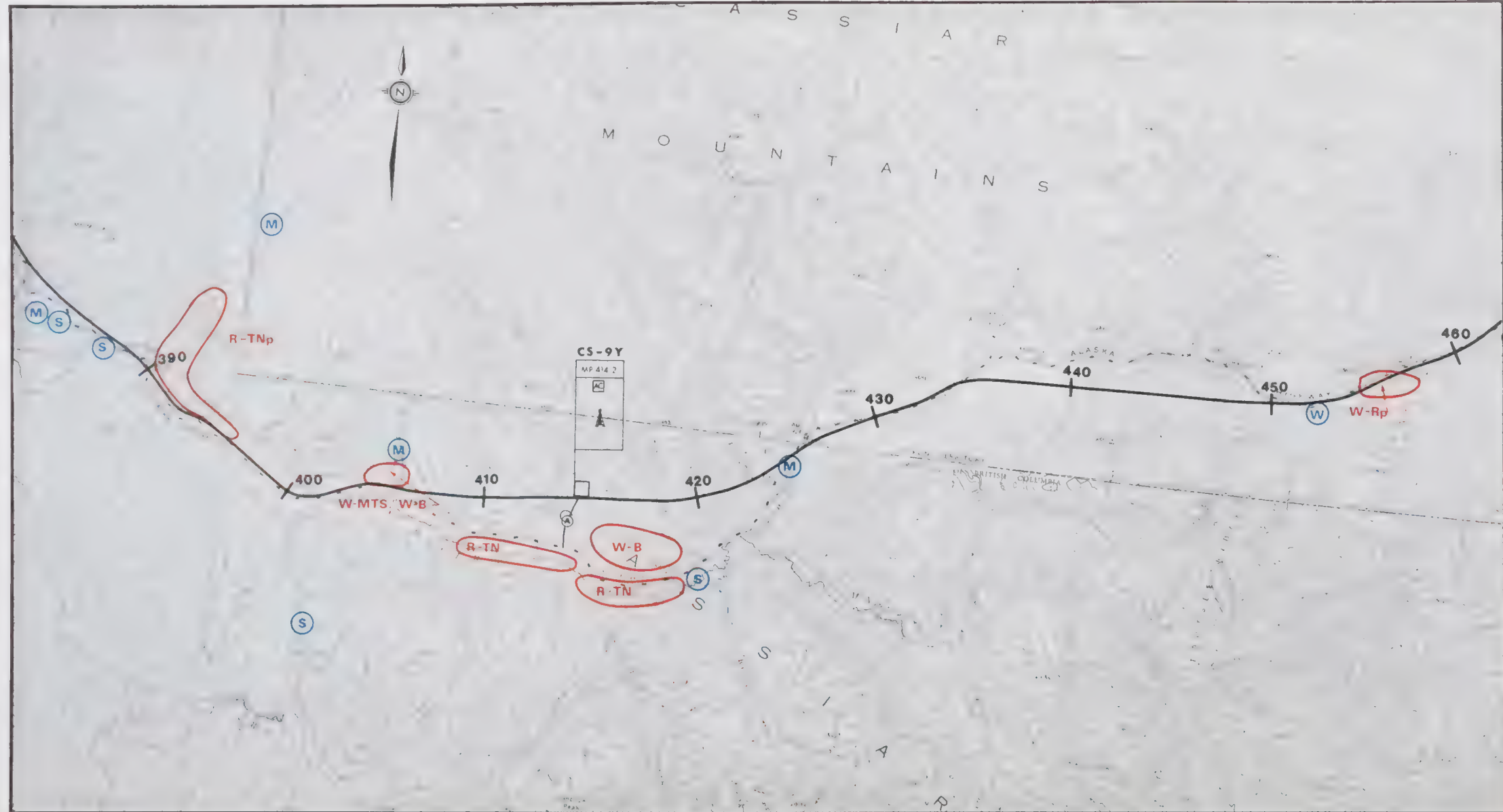
LEGENDS FISH and BIRDS

- FISH**
- MIGRATION ROUTE
 - SPAWNING AREA
 - NURSERY AREA
 - OVERWINTERING AREA
- BIRDS**
- WATERFOWL MIGRATION STAGING AREA
 - WATERFOWL BREEDING AREA
 - POSSIBLE RARE AND OR ENDANGERED SPECIES BREEDING AREA
 - POTENTIAL
 - UPLAND GAME BIRD RANGE
- DOMESTIC FISHING**
- COMMERCIAL FISHING**
- SPORT FISHING**
- RAPTORS TREE-NESTING SPECIES BREEDING AREA**
- RAPTORS CLIFF-NESTING SPECIES BREEDING AREA**
- POTENTIAL**
- MIGRATION PATHWAY (SWANS & GESE)**

- PIPELINE LEGEND**
- PROPOSED PIPELINE ROUTE
 - TELECOMMUNICATIONS BASE STATION
 - ACCESS ROAD
 - HEAD OFFICE
 - AREA OFFICE
 - COMPRESSOR STATION
 - COMPRESSOR STATION WITH CHILLING
 - COMPRESSOR STATION WITH AERIAL COOLERS
 - COMPRESSOR STATION WITH GAS HEATER

FOOTHILLS PIPE LINES (YUKON) LTD.

YUKON SECTION

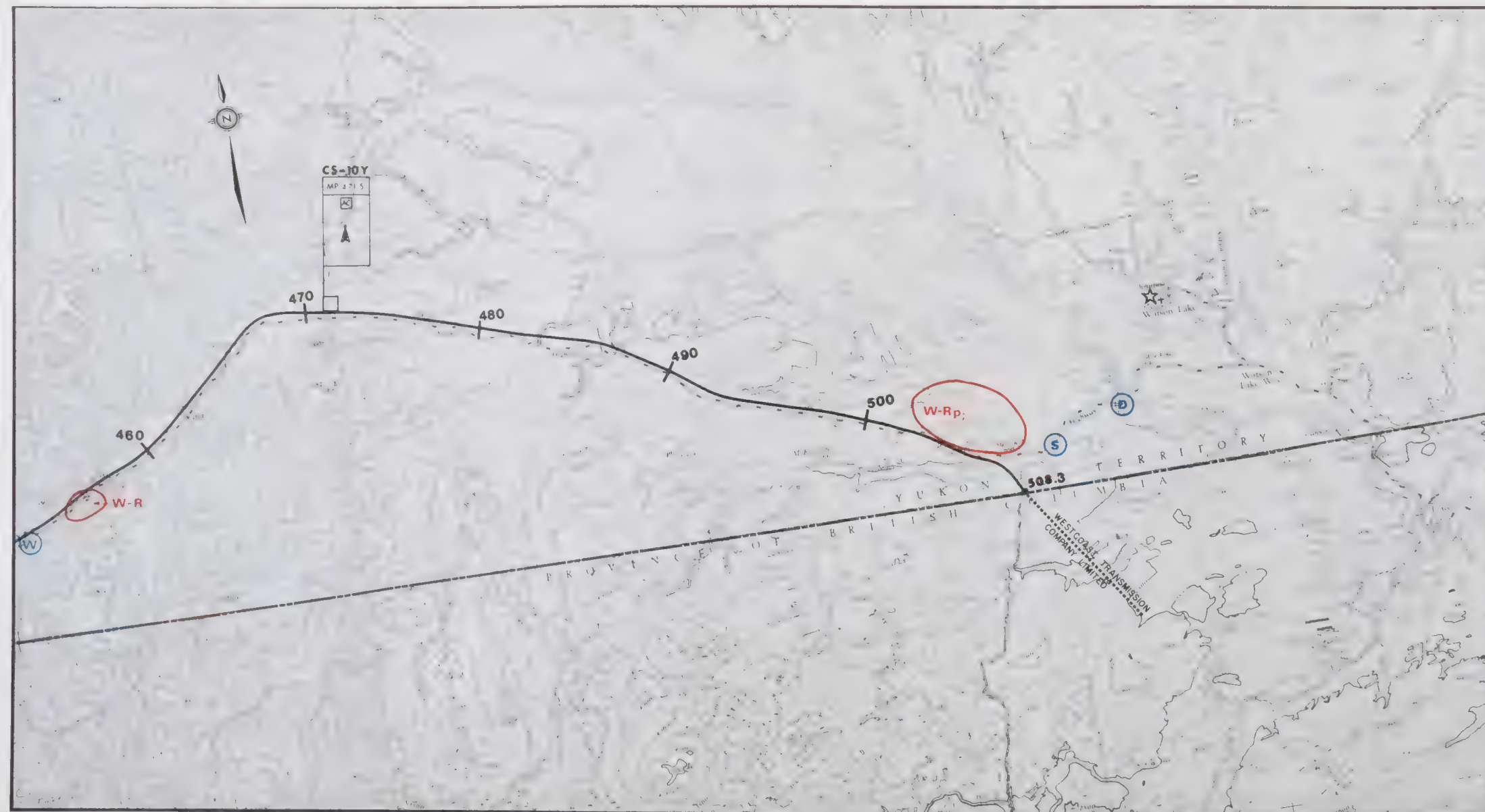


LEGENDS FISH and BIRDS

FISH			
MIGRATION ROUTE	(M)	DOMESTIC FISHING	(W)
SPAWNING AREA	(S)	COMMERCIAL FISHING	(W)
NURSERY AREA	(S)	POTENTIAL	(W)
OVERWINTERING AREA	(W)		
BIRDS			
WATERFOWL MIGRATION STAGING AREA	(W)	RAPTORS TREE-NESTING SPECIES BREEDING AREA	(R-TN)
WATERFOWL BREEDING AREA	(W)	RAPTORS TREE-NESTING SPECIES BREEDING AREA	(R-TN)
POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA	(W)	POTENTIAL	(W)
POTENTIAL	(W)	MIGRATION PATHWAY (SWANS & GEESE)	(W)
UPLAND GAME BIRD RANGE	(W)		

PIPELINE LEGEND			
PROPOSED PIPELINE ROUTE	—	COMPRESSOR STATION	(C)
TELECOMMUNICATIONS BASE STATION	(CS-9Y)	COMPRESSOR STATION WITH CHILLING	(C)
ACCESS ROAD	—	COMPRESSOR STATION WITH AERIAL COOLERS	(C)
HEAD OFFICE	(H)	COMPRESSOR STATION WITH GAS HEATER	(C)
AREA OFFICE	(A)		

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

FISH and BIRDS

FISH

MIGRATION ROUTE



DOMESTIC FISHING

SPAWNING AREA



COMMERCIAL FISHING

NURSERY AREA



SPORT FISHING

OVERWINTERING AREA



BIRDS

WATERFOWL MIGRATION/STAGING AREA



RAPTORS, TREE-NESTING SPECIES BREEDING AREA

WATERFOWL BREEDING AREA



RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA

POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA



POTENTIAL

POTENTIAL



MIGRATION PATHWAY (SWANS & GEESE)

UPLAND GAME BIRD RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION

TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING

ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS

HEAD OFFICE

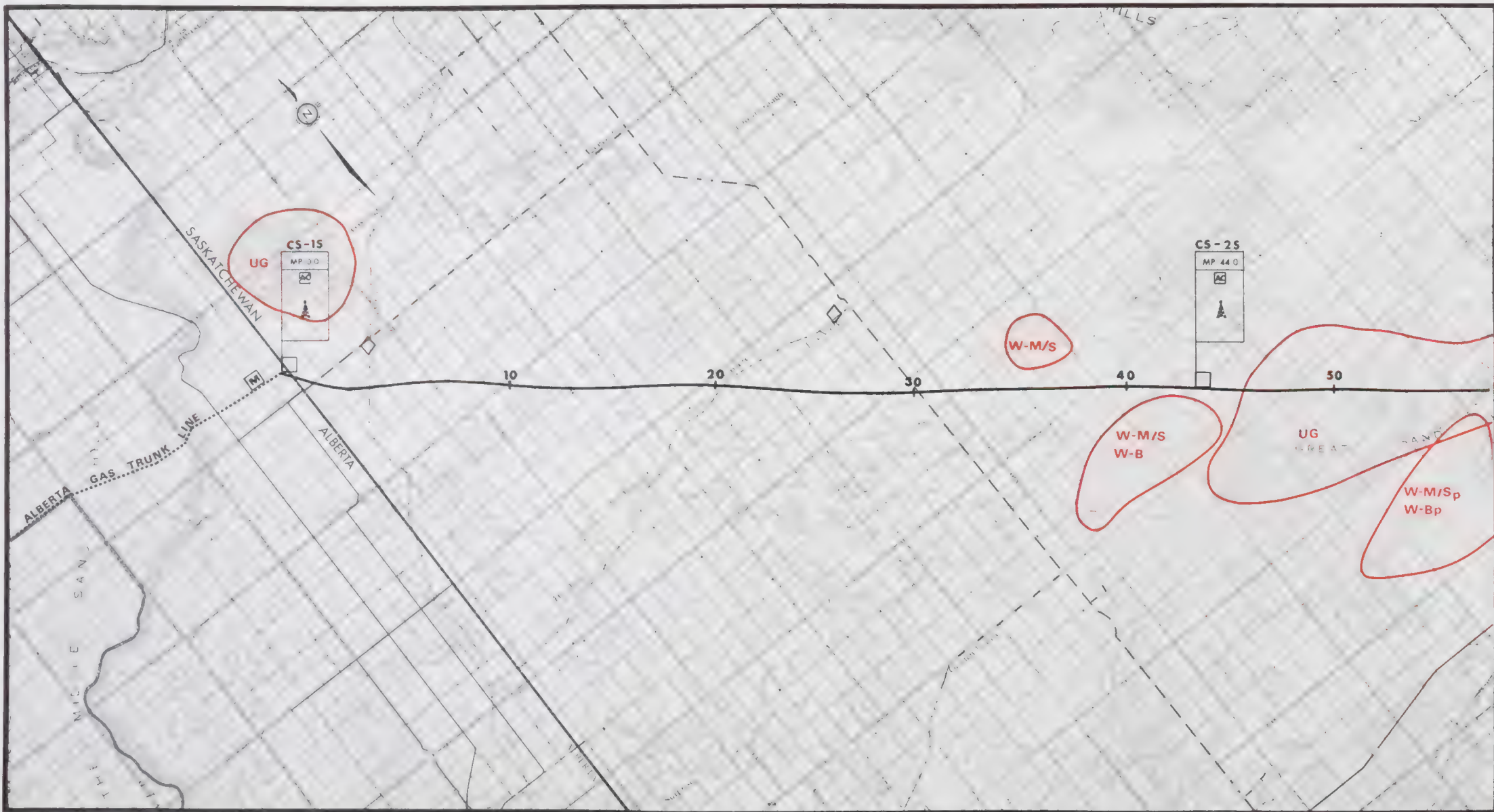


COMPRESSOR STATION WITH GAS HEATER

AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION

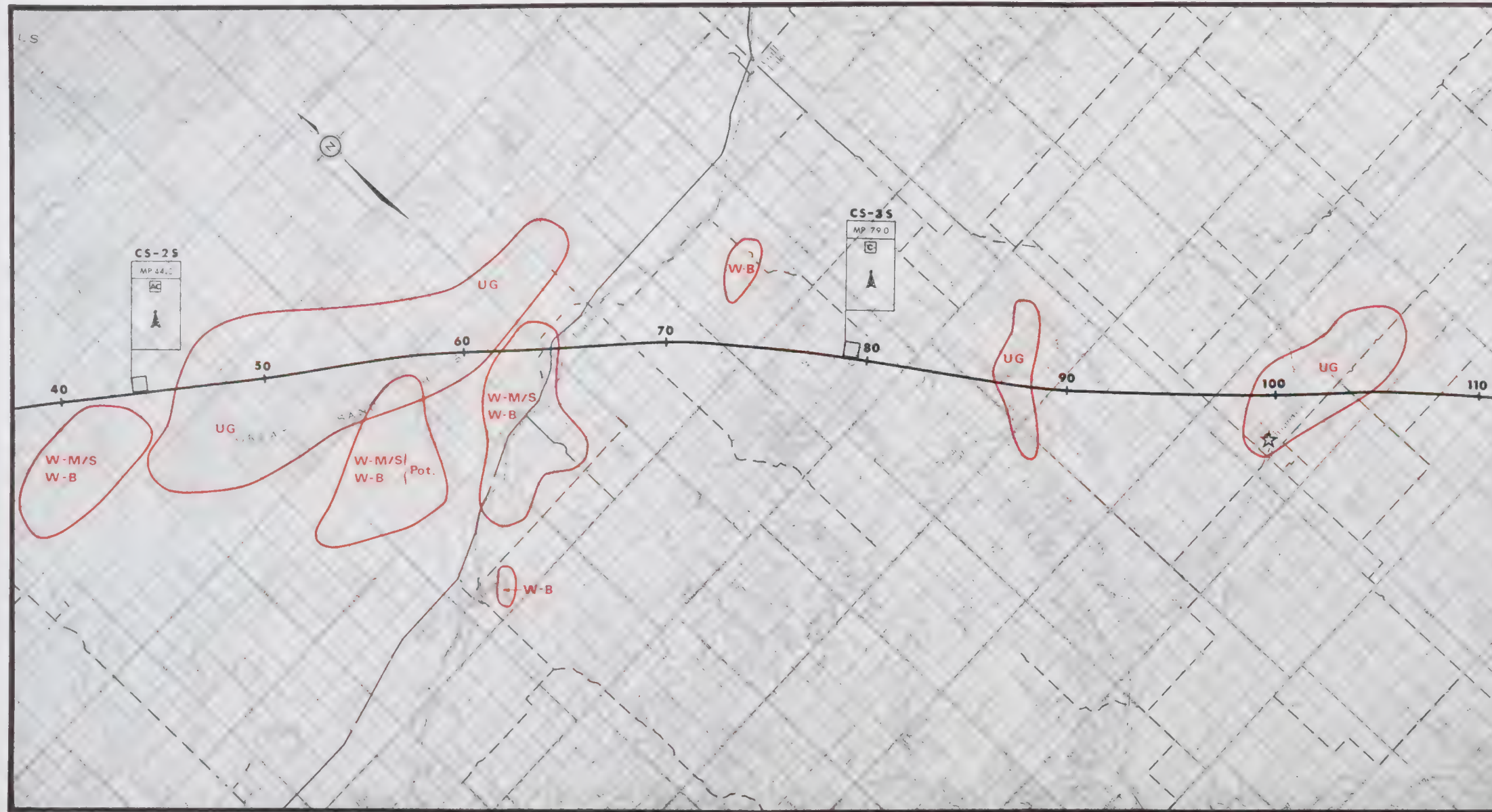


LEGENDS

FISH and BIRDS

- | | | |
|---|--|---|
| FISH | | |
| MIGRATION ROUTE | | DOMESTIC FISHING |
| SPAWNING AREA | | COMMERCIAL FISHING |
| NURSERY AREA | | SPORT FISHING |
| OVERWINTERING AREA | | |
| BIRDS | | |
| WATERFOWL MIGRATION/STAGING AREA | | RAPTORS TREE-NESTING SPECIES BREEDING AREA |
| WATERFOWL BREEDING AREA | | RAPTORS CLIFF-NESTING SPECIES BREEDING AREA |
| POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA | | POTENTIAL |
| POTENTIAL | | MIGRATION PATHWAY (SWANS & GEESE) |
| UPLAND GAME BIRD RANGE | | |

- | | |
|---------------------------------|--|
| PIPELINE LEGEND | |
| PROPOSED PIPELINE ROUTE | COMPRESSOR STATION |
| TELECOMMUNICATIONS BASE STATION | COMPRESSOR STATION WITH CHILLING |
| ACCESS ROAD | COMPRESSOR STATION WITH AERIAL COOLERS |
| HEAD OFFICE | COMPRESSOR STATION WITH GAS HEATER |
| AREA OFFICE | |



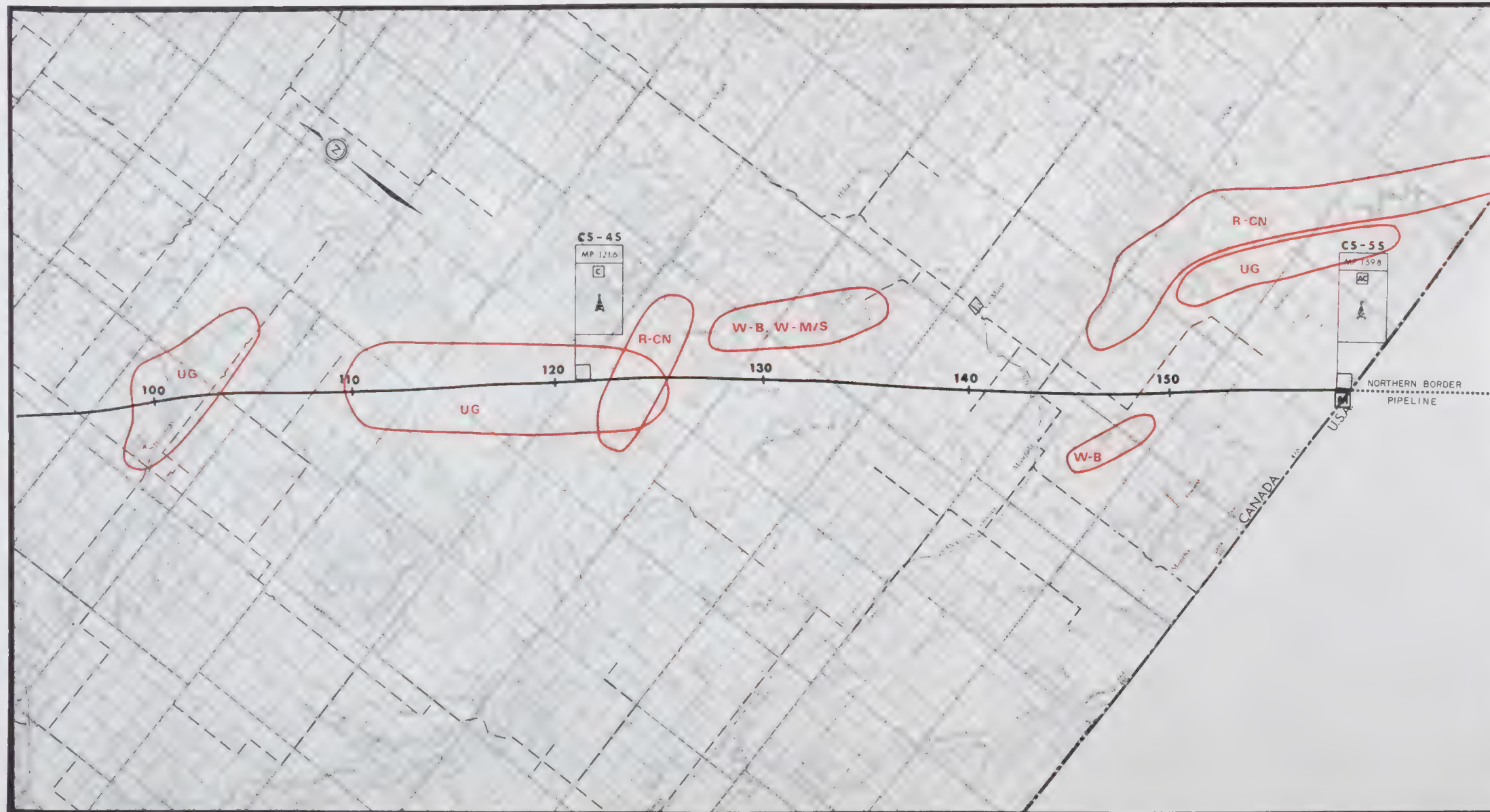
LEGENDS

FISH and BIRDS

FISH			
MIGRATION ROUTE	(W)	DOMESTIC FISHING	(D)
SPAWNING AREA	(S)	COMMERCIAL FISHING	(C)
NURSERY AREA	(N)	SPORT FISHING	(R)
OVERWINTERING AREA	(O)		
BIRDS			
WATERFOWL MIGRATION/STAGING AREA	W M S	RAPTORS TREE-NESTING SPECIES BREEDING AREA	R-TN
WATERFOWL BREEDING AREA	W-B	RAPTORS CLIFF-NESTING SPECIES BREEDING AREA	R-CN
POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA	W-R	POTENTIAL	P
POTENTIAL	P	MIGRATION PATHWAY (SWANS & GEESE)	→
UPLAND GAME BIRD RANGE			

PIPELINE LEGEND			
PROPOSED PIPELINE ROUTE	—	COMPRESSOR STATION	(triangle)
TELECOMMUNICATIONS BASE STATION	(triangle)	COMPRESSOR STATION WITH CHILLING	(triangle with circle)
ACCESS ROAD	- - -	COMPRESSOR STATION WITH AERIAL COOLERS	(triangle with square)
HEAD OFFICE	(star)	COMPRESSOR STATION WITH GAS HEATER	(triangle with star)
AREA OFFICE	(circle)		

FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION

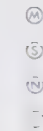


LEGENDS

FISH and BIRDS

FISH

MIGRATION ROUTE
SPAWNING AREA
NURSERY AREA
OVERWINTERING AREA



DOMESTIC FISHING
COMMERCIAL FISHING
SPORT FISHING

BIRDS

WATERFOWL MIGRATION/STAGING AREA
WATERFOWL BREEDING AREA
POSSIBLE RARE AND/OR ENDANGERED SPECIES BREEDING AREA
POTENTIAL
UPLAND GAME BIRD RANGE

W-M-S RAPTORS, TREE-NESTING SPECIES BREEDING AREA
W-B RAPTORS, CLIFF-NESTING SPECIES BREEDING AREA
W-R POTENTIAL
p MIGRATION PATHWAY (SWANS & GEESE)

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE
TELECOMMUNICATIONS BASE STATION
ACCESS ROAD
HEAD OFFICE
AREA OFFICE








COMPRESSOR STATION
COMPRESSOR STATION WITH CHILLING
COMPRESSOR STATION WITH AERIAL COOLERS
COMPRESSOR STATION WITH GAS HEATER

FOOTHILLS PIPE LINES (YUKON) LTD.
SASKATCHEWAN SECTION

UNGULATE MAMMALS

BACKGROUND

The ungulate species considered in the following map series of the Yukon and Saskatchewan include the following:

Woodland Caribou	 — <i>Rangifer tarandus caribou</i> *
Dall's sheep	 — <i>Ovis nivicola dalli</i>
Moose	 — <i>Alces alces gigas</i>
Elk	 — <i>Cervus elaphus canadensis</i>
Mule deer	 — <i>Odocoileus hemionus</i>
Whitetailed deer	 — <i>Odocoileus virginianus</i>
Pronghorn antelope	 — <i>Antilocapra americana</i>

The information presented here indicates known areas of important habitat for all species, and the season when use occurs (summer, winter, and year-round). Winter ranges are highly important to the welfare of the species concerned. Large-scale habitat destruction and disturbance to animals in them must be avoided.

INFORMATION SOURCES

The Canada Land Use Information map series, prepared by the Departments of the Environment and Indian Affairs and Northern Development served as the primary information source for the Yukon.

Information for Saskatchewan was obtained from the Canada Land Inventory (ungulates) and unpublished wildlife habitat maps currently being prepared by the Saskatchewan Ministry of Tourism and Renewable Resources. All findings were updated and supplemented by data from other sources wherever possible. Bibliographic references are listed below.

Department of Regional Economic Expansion. n.d. Canada Land Inventory Map Series, Land Capability for Wildlife — Ungulates. Scale 1: 250,000. Ottawa

Department of Tourism and Renewable Resources, Saskatchewan. 1976. Terrestrial Wildlife Habitat Inventory Maps (unpublished). Scale 1: 250,000. Saskatoon.

Environment Canada. 1973. Land Use Information Map Series (Yukon). Scale 1: 250,000. Ottawa.

Lortie, G.M. 1976. Government of the Yukon Territory, Game Branch. Personal Communication.

Pepper, G.W. 1976. Government of Saskatchewan, Department of Tourism and Renewable Resources, Fisheries and Wildlife Branch. Personal Communication.

Richards, J.H., and K.I. Fung. 1969. Atlas of Saskatchewan, University of Saskatchewan, Saskatoon. 236 pp.

Schultz C.D. and Company Ltd. 1976. Preliminary environmental impact assessment of the proposed Alcan Pipeline. Vol. 1. (Beaver Creek to Zama Lake). Report prepared for Gulf Interstate Engineering Co. 240 pp.

Slaney, F.F. and Co. Ltd. 1976. Application of Alcan Pipeline Co., exhibit Z-1, Vol. 2, Canada, Yukon to Zama. Report prepared for Gulf Interstate Engineering Co. 493 pp.

Youngman, P.M. 1975. Mammals of the Yukon Territory. National Museums of Canada, Ottawa. 192 pp.

FURBEARERS

BACKGROUND

The following maps indicate locations of important habitat for two major aquatic furbearers, beaver (*Castor canadensis canadensis*), and muskrat (*Ondatra zibethicus spatulatus*) and areas used by grizzly bears (*Ursus arctos horribilis*) when digging for roots. Also included are general locations of known grizzly bear denning areas, and a suspected wolf (*Canis lupus*) denning area near Squanga Lake. There are no areas of unusual significance to furbearers along the route in Saskatchewan.

INFORMATION SOURCES

The Canada Land Use Information map series, prepared by the Departments of Environment and Indian Affairs and Northern Development served as the primary information source for the Yukon. Inventories were updated wherever possible and supplemented by data from other sources. Bibliographic references are listed below.

Environment Canada. 1973. Land Use Information Map Series (Yukon). Scale 1: 250,000. Ottawa

Pearson, A.M. 1975. The northern interior grizzly bear *Ursus arctos* L. Canadian Wildlife Service Report Series. Number 34. 84 pp.

Schultz, C.D. and Co. Ltd. 1976. Preliminary environmental impact assessment of the proposed Alcan Pipeline. Vol. 1 (Beaver Creek to Zama Lake). Report prepared for Gulf Interstate Engineering Co. 240 pp.

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Youngman, P.M. 1975. Mammals of the Yukon Territory — National Museum of Canada, Ottawa. 192 pp.



LEGENDS
MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR
DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION



TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING



ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS



HEAD OFFICE



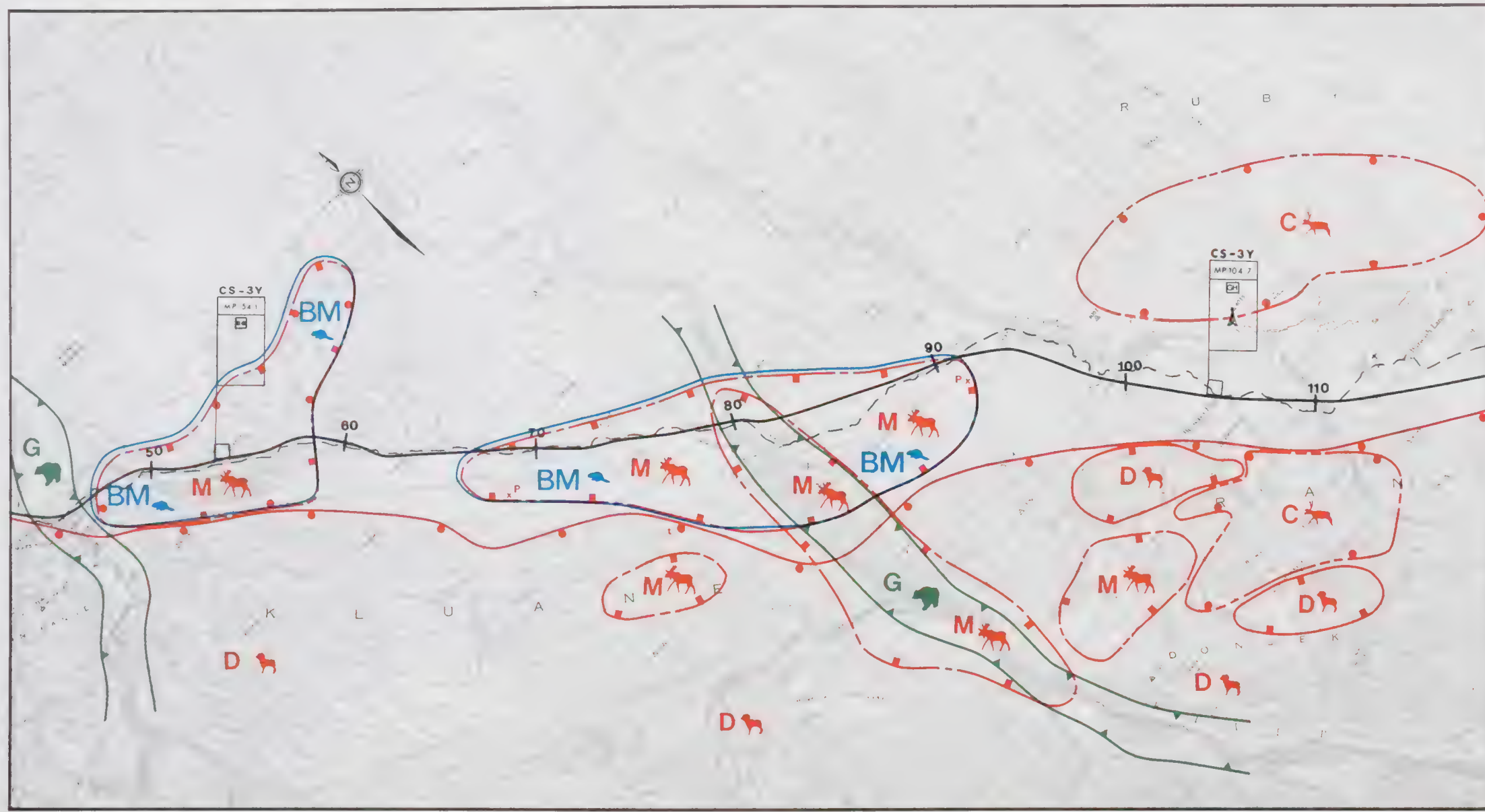
COMPRESSOR STATION WITH GAS HEATER



AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION

TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING

ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS

HEAD OFFICE



COMPRESSOR STATION WITH GAS HEATER

AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR
DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION

TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING

ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS

HEAD OFFICE



COMPRESSOR STATION WITH GAS HEATER

AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR
DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION



TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING



ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS



HEAD OFFICE



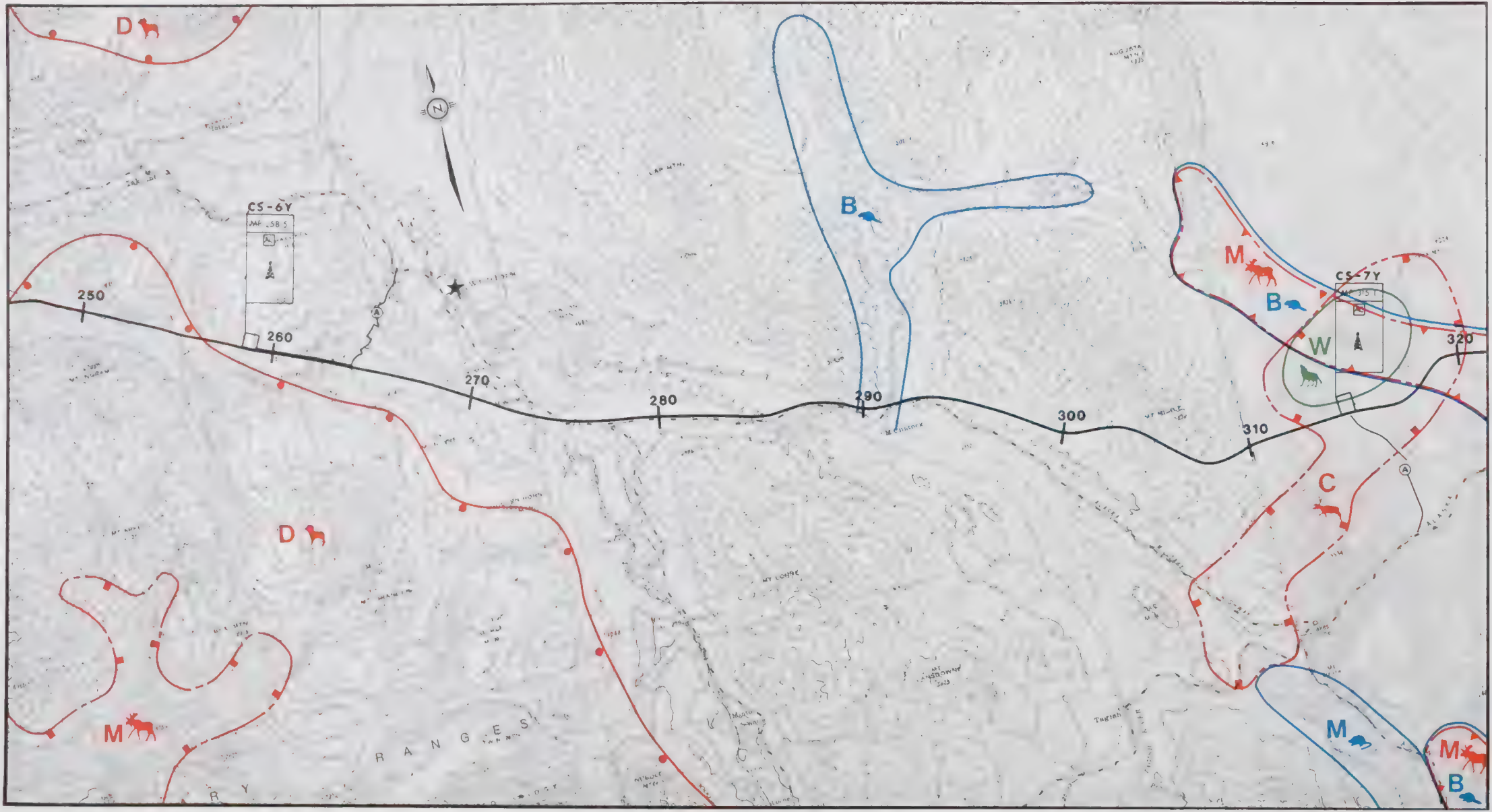
COMPRESSOR STATION WITH GAS HEATER



AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS
MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR
DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION



TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING



ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS



HEAD OFFICE



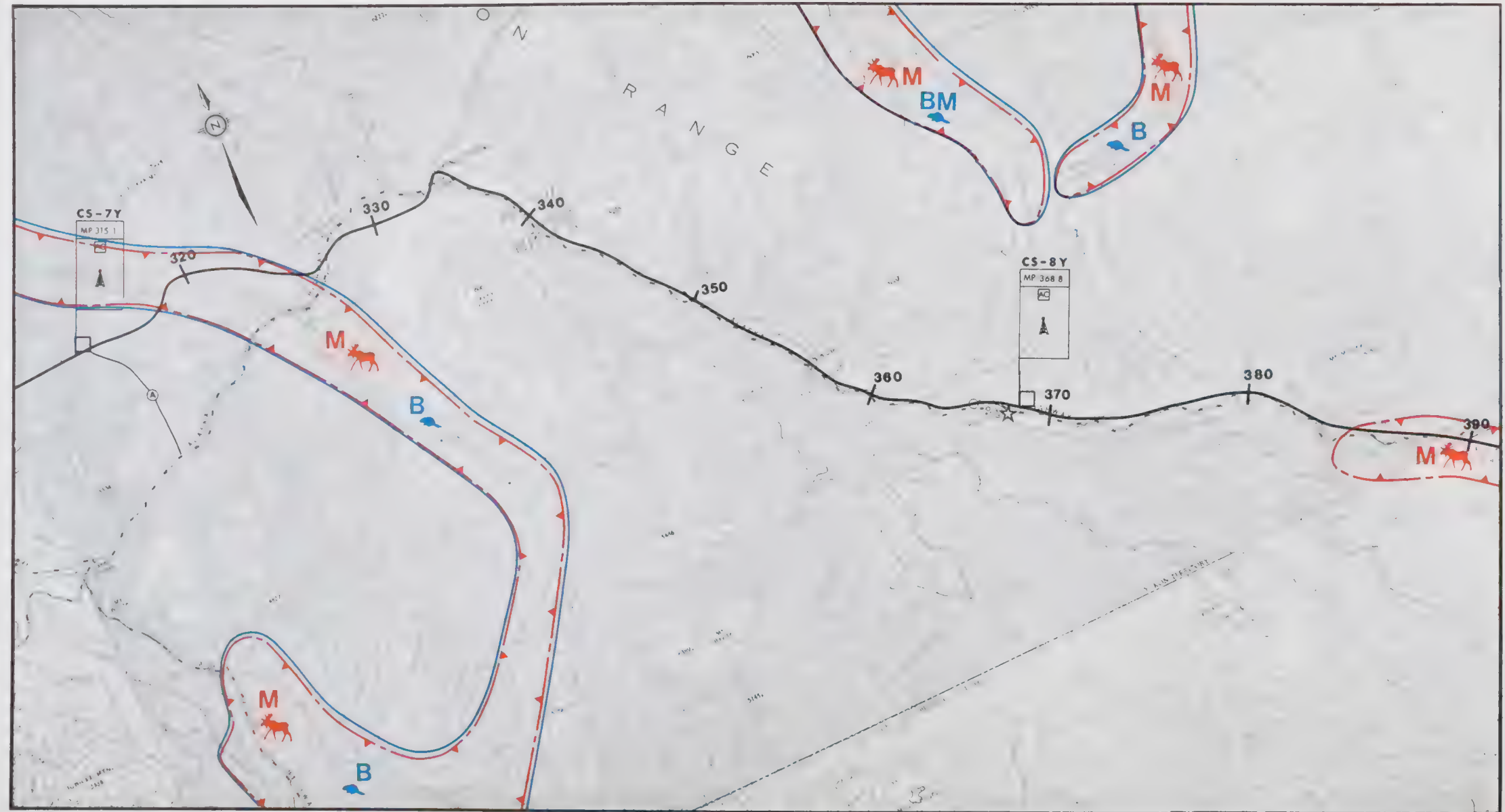
COMPRESSOR STATION WITH GAS HEATER



AREA OFFICE





FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER  B MUSKRAT  M

FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR DIGGING AREAS (ROOTS)  G SUSPECTED WOLF DENNING  W

GRIZZLY BEAR DENNING AREA  G

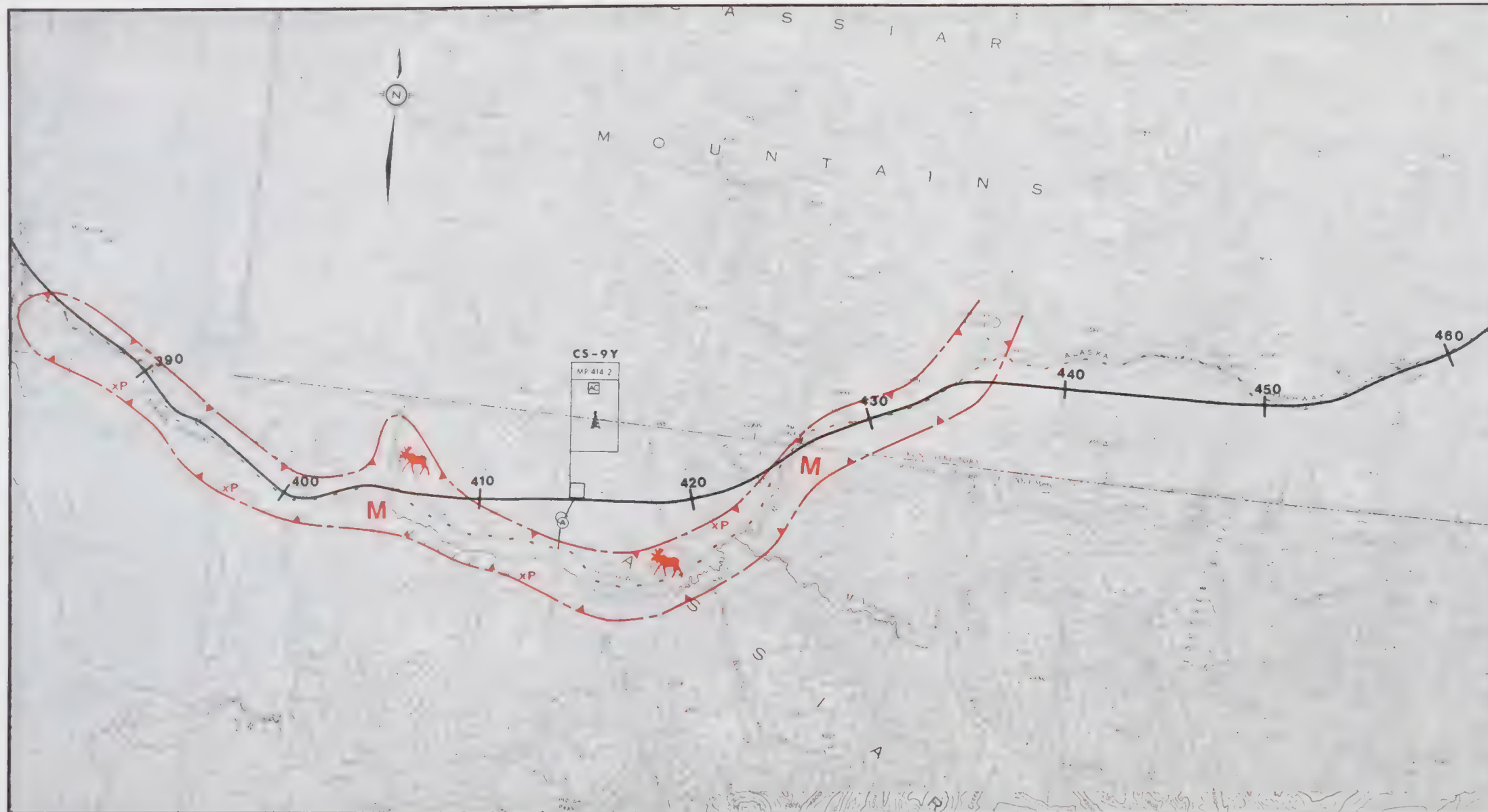
UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE  D MOOSE YEAR ROUND RANGE  M
DALL SHEEP WINTER RANGE  D MOOSE WINTER RANGE  M
CARIBOU YEAR ROUND RANGE  C MOOSE SUMMER RANGE  M
CARIBOU WINTER RANGE  C ELK INTRODUCED RANGE  E

PIPELINE LEGEND

PROPOSED PIPELINE ROUTE  COMPRESSOR STATION 
TELECOMMUNICATIONS BASE STATION  COMPRESSOR STATION WITH CHILLING 
ACCESS ROAD  COMPRESSOR STATION WITH AERIAL COOLERS 
HEAD OFFICE  COMPRESSOR STATION WITH GAS HEATER 
AREA OFFICE 

FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR
DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION

TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING

ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS

HEAD OFFICE

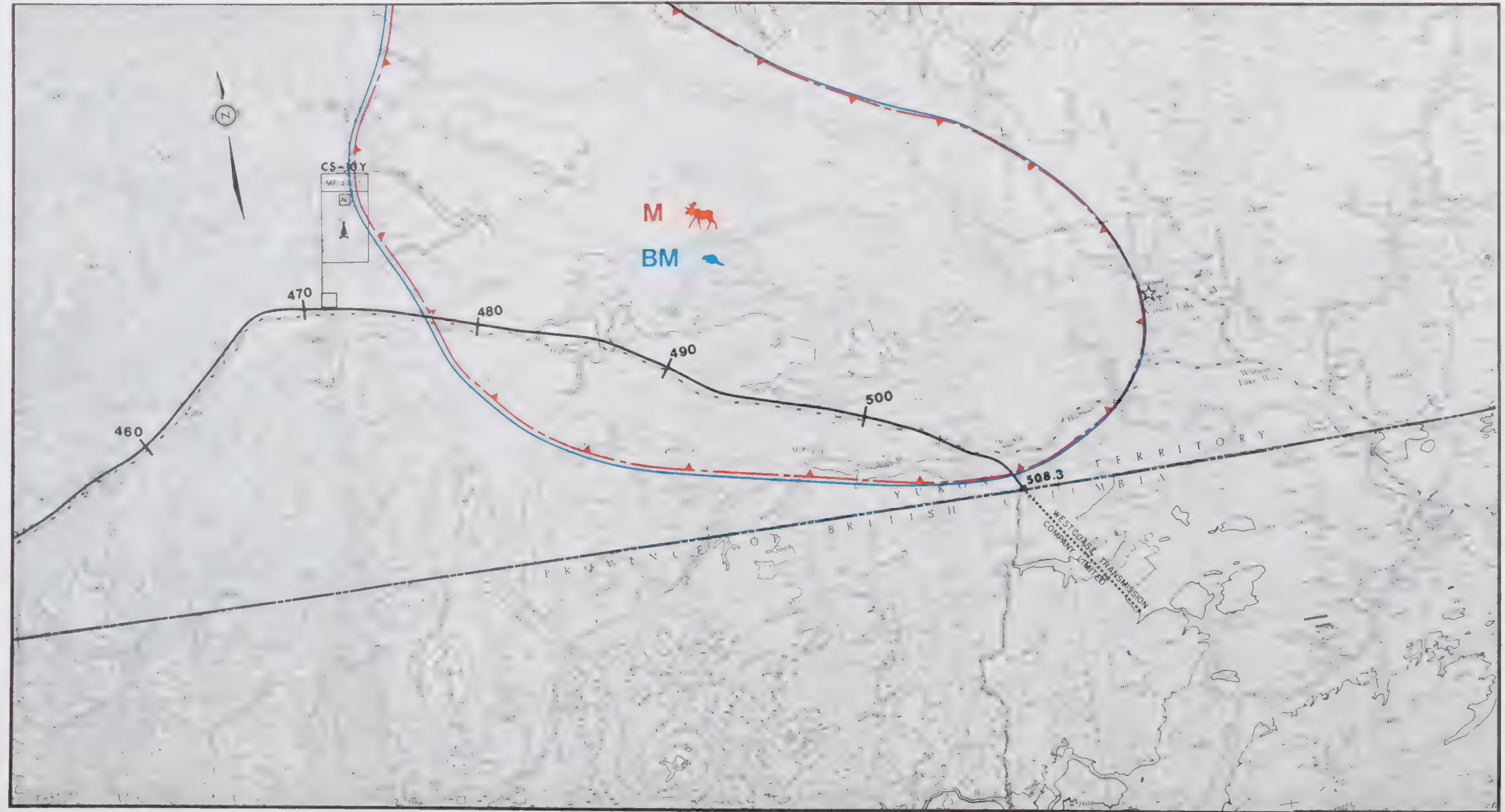


COMPRESSOR STATION WITH GAS HEATER

AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS

MAMMALS

AQUATIC FURBEARER HABITAT

BEAVER



MUSKRAT



FURBEARERS HABITAT

SPRING & SUMMER GRIZZLY BEAR DIGGING AREAS (ROOTS)



SUSPECTED WOLF DENNING



GRIZZLY BEAR DENNING AREA



UNGULATE MAMMALS HABITAT

DALL SHEEP YEAR ROUND RANGE



MOOSE YEAR ROUND RANGE



DALL SHEEP WINTER RANGE



MOOSE WINTER RANGE



CARIBOU YEAR ROUND RANGE



MOOSE SUMMER RANGE



CARIBOU WINTER RANGE



ELK INTRODUCED RANGE



PIPELINE LEGEND

PROPOSED PIPELINE ROUTE



COMPRESSOR STATION



TELECOMMUNICATIONS BASE STATION



COMPRESSOR STATION WITH CHILLING



ACCESS ROAD



COMPRESSOR STATION WITH AERIAL COOLERS



HEAD OFFICE



COMPRESSOR STATION WITH GAS HEATER



AREA OFFICE



FOOTHILLS PIPE LINES (YUKON) LTD.
YUKON SECTION



LEGENDS MAMMALS

UNGULATE MAMMAL HABITAT

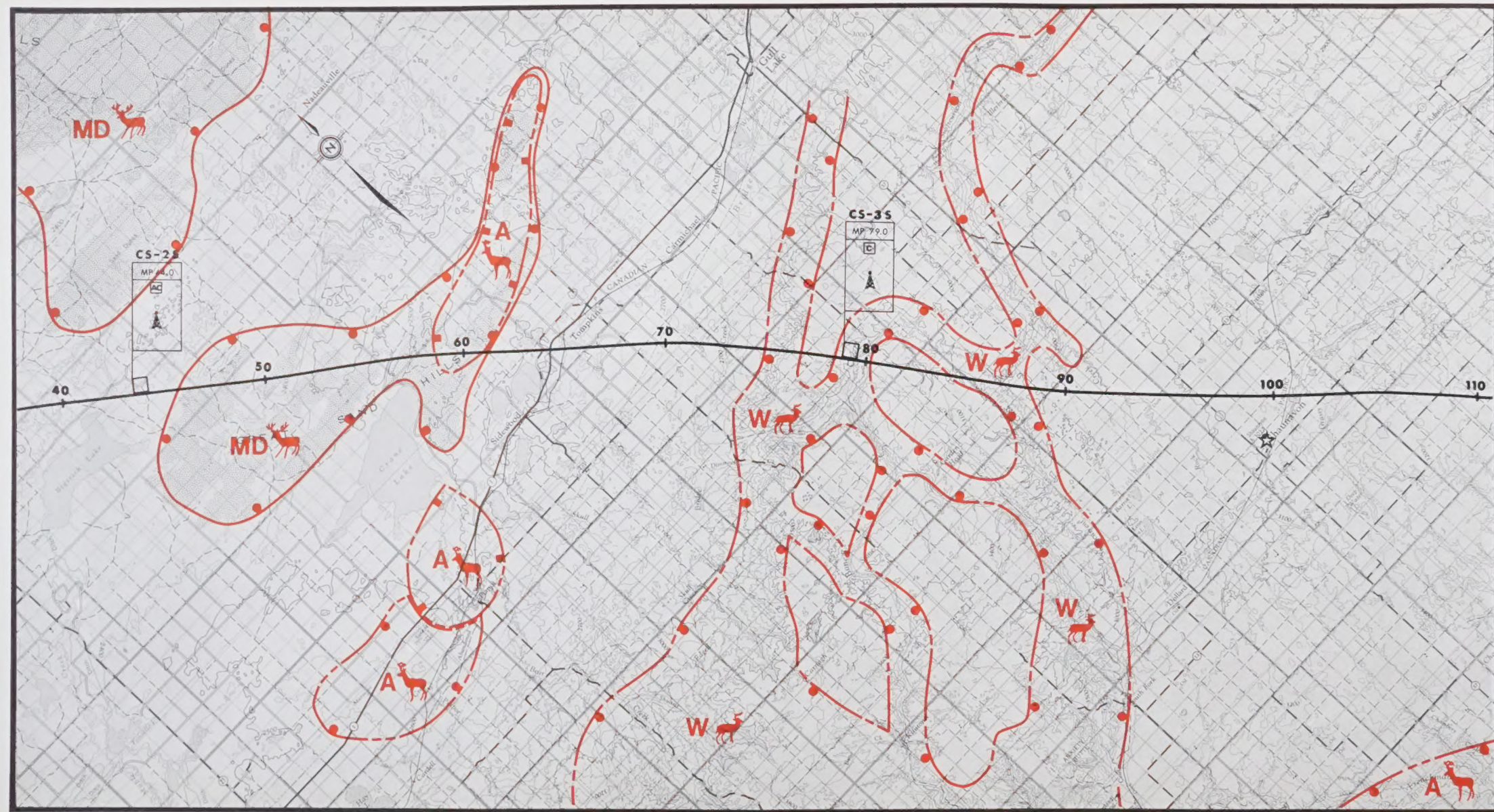
- MULE DEER YEAR ROUND RANGE
- WHITE TAILED DEER RANGE
- ANTELOPE YEAR ROUND RANGE
- ANTELOPE WINTER RANGE



NOTE: BOUNDARIES SHOWN ARE APPROXIMATE. THERE IS CONSIDERABLE OVERLAP IN RANGES OF ALL THREE SPECIES. ONLY PRIME HABITATS ARE INDICATED

PIPELINE LEGEND

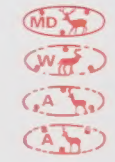
- | | | | |
|---------------------------------|-----|--|---|
| PROPOSED PIPELINE ROUTE | — | COMPRESSOR STATION | ⊞ |
| TELECOMMUNICATIONS BASE STATION | ⬆ | COMPRESSOR STATION WITH CHILLING | ⊞ |
| ACCESS ROAD | —○— | COMPRESSOR STATION WITH AERIAL COOLERS | ⊞ |
| HEAD OFFICE | ★ | COMPRESSOR STATION WITH GAS HEATER | ⊞ |
| AREA OFFICE | ☆ | | |



LEGENDS MAMMALS

UNGULATE MAMMAL HABITAT

- MULE DEER YEAR ROUND RANGE
- WHITE TAILED DEER RANGE
- ANTELOPE YEAR ROUND RANGE
- ANTELOPE WINTER RANGE



NOTE: BOUNDARIES SHOWN ARE APPROXIMATE. THERE IS CONSIDERABLE OVERLAP IN RANGES OF ALL THREE SPECIES. ONLY PRIME HABITATS ARE INDICATED.

PIPELINE LEGEND

- | | | | |
|---------------------------------|-----|--|------|
| PROPOSED PIPELINE ROUTE | — | COMPRESSOR STATION | ⊞ |
| TELECOMMUNICATIONS BASE STATION | ⬆ | COMPRESSOR STATION WITH CHILLING | ⊞⊞ |
| ACCESS ROAD | —○— | COMPRESSOR STATION WITH AERIAL COOLERS | ⊞⊞⊞ |
| HEAD OFFICE | ★ | COMPRESSOR STATION WITH GAS HEATER | ⊞⊞⊞⊞ |
| AREA OFFICE | ☆ | | |

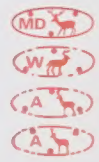
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SASKATCHEWAN SECTION



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PIPELINE LEGEND

- | | | | |
|---------------------------------|---|--|---|
| PROPOSED PIPELINE ROUTE | — | COMPRESSOR STATION | ⬢ |
| TELECOMMUNICATIONS BASE STATION | ⬢ | COMPRESSOR STATION WITH CHILLING | ⬢ |
| ACCESS ROAD | — | COMPRESSOR STATION WITH AERIAL COOLERS | ⬢ |
| HEAD OFFICE | ★ | COMPRESSOR STATION WITH GAS HEATER | ⬢ |
| AREA OFFICE | ☆ | | |

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